

DESIGNATION OF HOLOTYPES AND LECTOTYPES
AMONG GROUND BEETLES (COLEOPTERA, CARABIDAE)
DESCRIBED BY THOMAS L. CASEY¹

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INTRODUCTION

Thomas L. Casey (1857-1925) was an army engineer by profession, but from the year 1884 and, especially, after his retirement in 1912, he devoted most of his time to the study of Coleoptera, describing more than 9,000 species, subspecies, and varieties, mostly from North America.

In the carabid family (excl. Cicindelinae) 1,376 Casey names were listed as distinct North American species in Leng's Catalogue (1920, with 1st suppl., 1927). Of these, I have studied 897 on earlier occasions (notably accounted for in the papers of 1954, 1955, 1961-69), and 5 more species are treated in the present paper. The result is that only 81 names should be regarded as valid for good species. Casey's concept for this unit was apparently considerably different, not only from that of our time, but also from that of his contemporaries and most older authors.

Casey frequently used the term "type" with reference to his new species, but he did not label any specimens as such, except 5 species described in 1884 (now sunk into synonymy) within the genus *Harpalus* (see *H. convictor*, *H. canonicus*, *H. lustralis*, *H. aenescens*, and *H. placidus*). This was carried out after his death, when the collection had been moved to the National Museum, Washington, D.C., by L. L. Buchanan who re-arranged the entire collection (see Buchanan 1935; Blackwelder 1950).

Buchanan marked 1 specimen, almost constantly the first of each Casey taxon series (species, subspecies, or variety) as "Type," and often 1 or more additional specimens as "Paratypes," those "evidently examined by Casey at the time of the original description" (Buchanan 1935:8).

Buchanan's "Type" and "Paratype" labels, though applied with utmost skill, unfortunately are not valid (Intern. Code Zool. Nomencl. 1961, Article 72 a.f.): a) because the inaccurate term "Type" should be replaced by either *Holotype* or *Lectotype* (and the "Paratypes," if considered necessary, changed into *Paralectotypes*); b) because such designations are not valid unless published.

Consequently, though virtually all 902 Casey names I have studied in Carabidae have already been interpreted (1961-69, etc.), in part already by earlier authors, the first (or valid) specimen of each taxon erected by Casey had to be labeled either as *Holotype* or as *Lectotype*, and the information accompanying the specimen (notably geographical provenance) had to be published. This was a somewhat tedious but quite necessary task, performed during 2 visits at the U.S. National Museum, 23-25 September 1972, and 23 September through 1 October 1973.²

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RESTRICTION OF THE INVESTIGATION

As mentioned above, I have studied only about two-thirds of the carabid taxa described by Casey from North America (902 in number). All species and taxa of lower rank originally known from Canada and/or Alaska, and most of the ones from the northern parts of the U.S.A. proper, are among these. A Holotype or Lectotype has been labeled as noted below, except in some groups, for which more competent specialists have already done or are available to do this, namely: a) *Tachys* and related genera (T. L. Erwin 1974a, 1974b); b) the tribe *Licinini* (G. E. Ball); c) subgenus *Cryobius* of genus *Pterostichus* (G. E. Ball); and d) in the subtribe *Anisodactyli* (*Anisodactylina*) among the *Harpalini* (G. R. Noonan 1968, 1973) had already designated types in several species, and these are omitted here. A few other cases where I have refrained from type designation are mentioned under the pertinent genus below.

CASEY PUBLICATIONS

The taxa here treated were described in the following papers:

- 1884 a, 1885. Contributions to the descriptive and systematic coleopterology of North America. I. II. Philadelphia. p. 1-198.
 1884 b. Notes on Coleoptera. Bull. Brooklyn Ent. Soc. 7:64-67.
 1897. Coleopterological notices. VII. Ann. New York Acad. Sci. 9:287-684.
 1905. A new *Carabus* and *Cychrus*, with miscellaneous notes on Coleoptera. Canadian Ent. 37:160-164.
 1909. Studies in the Caraboidea and Lamellicornia. Ibid. 41:252-284.
 1913. Memoirs on the Coleoptera. 4:1-400.
 1914. Memoirs on the Coleoptera. 5:1-387.
 1916. Memoirs on the Coleoptera. 7:1-300.
 1918. Memoirs on the Coleoptera. 8:1-427.
 1920. Memoirs on the Coleoptera. 9:1-529.
 1924. Memoirs on the Coleoptera. 11:1-347.

ARRANGEMENT OF INFORMATION

The original genus names used by Casey were followed but the species are arranged in the order of my "Ground-Beetles of Canada and Alaska" (1961-69). Leng's Catalogue (1920, 1927) was regarded as too antiquated for the purpose. Then, under each taxon, the following information is given:

- (a) reference to the original description;
- (b) number of specimens labeled as "Type" or "Paratype" (by L. L. Buchanan);
- (c) locality label of the "Type", often in abbreviated form, as used by Casey. (The symbol "L", = Levette collection, was often doubtfully translated in the description as meaning Colorado or Indiana.);
- (d) possible disagreement between "Type" and Casey's original description;
- (e) decision whether a *Holotype* or a *Lectotype* should be designated;
- (f) valid name according to present opinion (as a rule with reference to a paper, where Casey's name was synonymized).

As *Holotype* a specimen is available only under the condition that Casey himself expressly stated the original description to have been based on a single individual. Under all other circumstances, even if the species is represented by a single specimen in Casey's collection, a *Lectotype* must be selected.

The 4 kinds of "types" have been abbreviated as a single bold-face letter, as follows: **T** = "Type"; **P** = "Paratype"; according to L. L. Buchanan's labeling (and almost without exception conspecific).

H = Holotype; **L** = Lectotype; according to my own decision. Paralectotypes have not been marked.

THE SPECIES

Trachypachus oregonus (1920:145). Female **T** and female **P**, Oregon. **T** designated as **L**. - *T. holmbergi* Mnh. (Van Dyke 1925:112).

T. specularis (1920:146). Male **T**, 2 **P**, **L**. Tahoe, Calif.; 7 ex. from Idaho & Oreg., not marked as **P**. **T** = **L**. - *T. holmbergi* Mnh. (Van Dyke 1925:112).

T. alticola (1920:144). Male **T**, male **P**, **L**. Tahoe, Calif. **T** = **L**. - *T. gibbsi* Lec. (Lth. 1961:4).

Genus *Omophron*: The Casey names were interpreted according to the revision by Benschoter & Cook (1956) (Lth. 1961:9-13), and I do not feel entitled to make type designations.

Genus *Scaphinotus* (incl. *Brennus*): No types were designated. The Casey forms studied by me belong to *marginatus* Fisch. (Lth. 1961:22-24), as subspecies, at most, and require further studies.

Cychrus pustulosus (1905:160). Single male **T**, Washington State, = **H**. - *C. tuberculatus* Harris (Roeschke 1907).

The forms of *Carabus* described by Csy., either as subspecies or species near *taedatus* F. (1913:57-59; 1920:153-155) all have infraspecific rank (Lth. 1961:38-39). Designation of types should be postponed until the population biology of *taedatus* has been properly studied.

In *Calosoma* I have not designated types for forms described by Csy. as subspecies under the correct species name. (See Gidaspow 1959).

Calosoma comes (1920:156). Male **T**, "N.W.T." (N.W. Territory, Canada), = **H**. - *C. calidum* F. (Breuning 1928:84).

C. concreta (1920:157). Male **T**, "Canada", = **H**. - *C. calidum* F. (Breuning 1928:84).

C. pallax (1920:160). Male **T**, without loc., = **H**. - *C. tepidum* Lec. (Breuning 1928:88; Gidaspow 1959:263).

C. semicuprea (1920:161). Male **T** without loc., = **H**. - *C. tepidum* Lec. (Breuning 1928:88; Gidaspow 1959:263).

C. cogitans (1920:161). Female **T**, Stockton, Utah, = **L**. - *C. tepidum* Lec. (Breuning 1928:88; Gidaspow 1959:263).

Callisthenes concinnus (1913:66). Male **T**, Priest L., Idaho, = **L**. - *Calosoma moniliatum* Lec. (Gidaspow 1959:305).

Leistus nigropiceus (1913:45). Female **T**, 6 **P**, Metlakatla, B.C. **T** = **L**. - *L. ferruginosus* Mnh. (Lth. 1954b:46).

L. longipennis (1920:148). Female **T**, Humboldt Co., Calif., = **H**. - *L. longipennis* Csy. (Lth. 1961:57; Erwin 1970).

Pelophila shermani (1913:45). Female **T**, 4 **P**, W. St. Modest, Labr. As described by Csy., the "Type" alone has rufinistic elytra; it may therefore be regarded as **H**. - *P. borealis* [cf. *Nebria catenata*.] *ulkei* Horn (Bänninger 1930:101).

Nebria cuneata (1913:50). Male **T**, 3 **P**, Alaska. **T** = **L**. - *N. gregaria* Fisch. (Lth. 1961:66-67).

N. arkansana (1913:52). Male **T**, 1 **P**, "Indiana"; 2 **P**, "S. Arkansas"; 1 **P**, "Levette coll.". **T** = **L**. - The locality labels are obviously wrong and a new

type locality, Valley Upper San Juan, Colorado, was designated (Lth. 1961:70-71). - *N. arkansana* Csy.

N. fragilis (1924:21). Male **T**, male **P**, North Fork, Provo Cañon, Utah. **T=L**. - *N. fragilis* Csy.

N. testaceipes (1913:54). Male **T**, Glenora, B.C., = **H**. - *N. obtusa* Lec. (Hatch 1953:59).

N. incerta (1913:53). **T** (sex ?), "Color." (Levette coll.), 1 **P**, "Indiana" (probably wrong, *fide* Csy.). **T=L**. - *N. obliqua* Lec. (Lth. 1961:73).

N. texana (1913:54). Male **T**, Texas, = **H**. - *N. obliqua* Lec. (Lth. 1961:73).

N. nimbosea (1920:150). Female **T**, L. of the Clouds, Mt. Washington, N. H., = **H**. - *N. suturalis* Lec. (Lth. 1954a:122).

N. oregona (1913:52). Male **T**, 2 **P**, Clackamas, Oreg. **T=L**. - *N. mannerheimi* Fisch. (Hatch 1953:58; Lth., 1961:74).

N. corvallis (1924:20). Male **T**, Corvallis, Oreg., = **L**. - *N. mannerheimi* Fisch. (Hatch 1953:58).

N. hippisleyi (1924:21). Male **T**, Terrace, B.C., = **H**. - *N. mannerheimi* Fisch. (Lth. 1961:74).

N. tenuipes (1913:51). Female **T**, Alameda, Calif.; male **P**, Clackamas, Oreg. **T=L**. - *N. eschscholtzi* Mén. (Hatch 1939:121; Lth. 1961:75).

N. transversa (1920:152). Female **T**, Corvallis, Oreg., = **H**. - *N. eschscholtzi* Mén. (Hatch 1953:58).

N. formalis (1920:153). Female **T**, 3 **P**, Wawawai, Wash. **T=L**. - *N. eschscholtzi* Mén. (Hatch 1953:58).

N. pallidissima (1924:19). Male **T**, female **P**, Wawawai, Wash. **T=L**. - *N. eschscholtzi* Mén. (Hatch 1953:58; Lth. 1961:75).

N. pugetana (1924: 1 female). Female **T**, Wawawai, Wash., = **L**. - *N. eschscholtzi* Mén. (Hatch 1953:58; Lth. 1961:75).

N. townsendi (1924:19). Female **T**, Port Townsend, Wash., = **L**. - *N. diversa* Lec. (Hatch 1953:59).

N. brevis (1913:55). Male **T**, Corvallis, Oreg.; 4 **P**, other Oreg. loc.:s. **T=L**. - *N. virescens* Horn (Hatch 1939:120; Lth. 1961:76).

N. lacustris (1913:56). Female **T**, Bayfield, Wisc.; 2 **P**, Wisc. & Minnes. **T=L**. - *N. lacustris* Csy.

N. expansa (1913:56). Female **T**, Texas; female **P**, "L" (= Levette coll.; the record Indiana, given by Csy. is unreliable). **T=L**. - Regarded as synonym of *lacustris* Csy. (Lth. 1961:77) but possibly at least subspecifically distinct (Bell in litt.).

N. labradorica (1920:151). Female **T**, 5 **P** (3 of which later, 1924, transferred to *curtulata* Csy.), W. St. Modest, Labr. **T=L**. - *N. gyllenhali* Schnh. (Lth. 1955:41; 1961:79).

N. prominens (1920:151). Female **T**, female **P**, Mt. Washington, N.H. **T=L**. - *N. gyllenhali* Schnh. (Lth. 1955:40-41).

N. curtulata (1924:20). Male **T**, 2 **P**, W. St. Modest, Labr. **T=L**. - *N. gyllenhali* Schnh. (Lth. 1954a:122).

N. reducta (1920:150). Female **T**, 6 **P**, labeled St. Paul Isl., Alaska. **T=L**. The type locality is probably wrong (Lth. 1961:24, 81). - *N. frigida* R. F. Sahlb. (Lth. l.c.).

N. catenata (1913:49). Female **T**, 6 **P**: 4 Color., 2 "L" (= Levette coll.). **T=L**. - *N. trifaria catenata* Csy. (Erwin and Ball 1972).

N. mobilis (1913:50). Female **T**, 2 **P**, Color. (Levette coll.). **T=L**. - *N. purpurata* Lec. (Lth. 1961:86).

N. columbiana (1913:48). Male T, Inverness, B.C., = L. - *N. kincaidi* Schw. (Darlington 1930:104).

Notiophilus coloradensis (1920:141). Male T, Boulder, Color., = H. - *N. semistriatus* Say (Lth. 1961:94).

N. evanescens (1913:47). Female T, 4 P, 1 additional ex. mentioned by Csy., later made "Type" of *coloradensis* (see above), all from Boulder, Color. T=L. - *N. simulator* Fall (Csy. 1914:356; cancelled 1920:141) (Lth. 1961:97).

N. directus (1920:142). Female T, "L" (Levette coll.), female P, "Iowa, Keokuk & vic.". T=L. - Csy. recorded Indiana and Iowa, both equally improbable; Jasper, Alta., therefore chosen as type loc. (Lth. 1961:98). - *N. directus* Csy.

N. sierranus (1920:140). Female T, L. Tahoe, Calif., = H. - *N. obscurus* Fall, dwarf specimen (Lth. 1961:98).

N. parvus (1920:142). Female T, Catskill Mts., N.Y., = L. - *N. novemstriatus* Lec. (Lth. 1961:101).

Blethisa hudsonica (1924:18). Male T, female P, plus 2 additional ex., all Edmonton, Alta. T=L. - *B. multipunctata aurata* Fisch. (Lth. 1954:15).

B. columbica (1909:277). Male T, Brit. Col., = L. - *B. oregonensis* Lec. (Hatch 1953:62).

Elaphrus politus (1897:345; nec Lec. 1850:209). Female T and 2 P, San Francisco. T=L. - *E. laevigatus* Lec. (Van Dyke 1925:113).

E. rhodeanus (1924:17). Female T, Boston Neck, R.I., = L. - *E. cicatricosus* Lec. (Lth. 1961:114).

E. devinctus (1920:139). Female T, Wray, Color., = L. - *E. lecontei* Crotch (Lth. 1961:114).

E. spissicornis (1924:18). Female T, Parowan, Utah, = L. - *E. lecontei* Crotch (Lth. 1961:114).

E. bituberosus (1924:17). Male T, Terrace, B.C., = L. - *E. americanus* Dej. (Lth. 1961:115).

E. hesperius (1920:138). Female T, Mendocino Co., Calif.; 10 P from several loc.:s in Calif. T=L. - *E. californicus* Mnh. (Lth. 1961:118).

E. texanus (1924:17). Female T, Galveston, Tex., = L. - *E. ruscarius* Say (Lth. 1961:119).

Loricera uteana (1920:147). Female T, Provo, Utah, = L. - *L. pilicornis* F. (Lth. 1961:123).

Promecognathus debilis (1897:346). T (sex ?), Sta. Cruz, Calif., = H. - *P. laevissimus* Dej. (Lth. 1961:127).

P. contractus (1913:94). Female T, labeled Napa Co., Calif., and therefore not designated (the description says "Lake Co."). The specimen is larger than Casey's measure (greater than 11 instead of 9.7 mm) and not a male; this adds to the probability that it is not the original insect. - *P. crassus* Lec. (Lth. 1961:128).

P. corpulentus (1913:94). T (sex ?), "Calif., Mar." (? = March) (Monterey, acc. to the description), = L. - *P. crassus* Lec. (Lth. 1961:128).

P. grandiceps (1913:94). T (sex ?), Calif., = L. - *P. crassus* Lec. (Lth. 1961:128).

Zacotus angustus (1920:290). Male T, Josephine Co., Oreg., = L. - *Z. matthewsi* Lec. (Ball 1956).

Patrobis canadensis (1924:67). Male T, female P, Redwater NE Edmonton, Alta., given as type loc. T=L. - *P. lecontei* Chd. (Darlington 1938).

P. labradorinus (1918:395). Male **T**, female **P**, W. St. Modest, Labr. **T=L**. - *P. septentrionis* Dej. (Darlington 1938); by me earlier regarded as a ssp. (Lth. 1955:84; cf. 1961:185-86).

P. minuens (1918:396). Male **T**, W. St. Modest, Labr., = **L**. - *P. septentrionis* Dej. (Darlington 1938).

P. tritus (1920:186). Male **T**, female **P**, Marquette, Mich. (as mentioned by Csy. 1918:396, "tenuis"). **T=L**. - *P. septentrionis* Dej. (Darlington 1938).

P. laeviceps (1918:397). Male **T**, W. St. Modest, Labr., = **L**. - *P. foveocollis* Eschz. (Darlington 1938).

P. insularis (1918:397). Female **T**, 12 **P**, labeled as from St. Paul Isl., Alaska, which is doubtful (Lth. 1961:24, 185-86). **T=L**. - *P. foveocollis* Eschz. (Darlington 1938).

Platidius latipennis (1918:399). Male **T**, 2 **P**, Gualala, Mendocino Co.; 2 **P**, Humboldt Co.; Calif. (1 ex. labeled as "P" from Sonoma Co., Calif., not mentioned by Csy.). **T=L**. - *Diplous californicus* Mtsch. (Darlington 1938).

P. incisus (1918:399). Female **T**, male **P**, nr. San Francisco. **T=L**. - *D. californicus* Mtsch. (Darlington 1938).

P. strenuus (1918:400). Male **T**, male **P**, Washington State. **T=L**. - *D. californicus* Mtsch. (Darlington 1938).

P. rectus (1918:400). Male **T**, 1 **P**, Reno, Nev. **T=L**. - *D. californicus* Mtsch. (Darlington 1938).

P. sierranus (1918:401). Male **T**, 2 **P**, Mokelumne Hill, Calaveras Co., Calif.; 10 **P** from Calif. & Nev. **T=L**. - *D. californicus* Mtsch. (Darlington 1938).

P. brevisculus (1918:401). Male **T**, Reno, Nev., = **H**. - *D. californicus* Mtsch. (Darlington 1938).

P. breviceps (1918:402). Male **T**, female **P**, Boulder, Color. **T=L**. - *D. aterrimus* Dej. (Darlington 1938).

P. tenuitarsis (1918:403). Male **T**, 5 **P**, Color. **T=L**. - *D. aterrimus* Dej. (Darlington 1938).

P. coloradensis (1918:403). Male **T**, Red Cliff, Color., = **L**. - *D. aterrimus* Dej. (Darlington 1938).

P. reflexus (1918:403). Female **T**, Color., = **L**. - *D. aterrimus* Dej. (Darlington 1938).

P. filicornis (1918:404). Female **T**, Humboldt Co., Calif., = **L**. - *D. filicornis* Csy. (See Darlington 1938).

Trechus tahoensis (1918:407). Female **T**, female **P**, L. Tahoe, Calif. **T=L**. - *T. chalybeus* Dej. (Lth. 1961:197).

T. saxatilis (1918:408). Female **T**, female **P**, Color. **T=L**. - *T. coloradensis* Schffr. (Lth. 1963:201).

T. pallescens (1918:407, 411). New name for *fulvus* Lec. 1848, nec Dej. 1831. Type, from Madeline Isl., Wisc., in the Lec. coll., MCZ! - *T. apicalis* Mtsch. (Lth. 1963:202).

T. puritanus (1918:407). Male **T**, Fall R., Mass., = **L**. - *T. apicalis* Mtsch. (Lth. 1963:202).

T. rhodensis (1918:408). Male **T**, female **P**, Boston Neck, R.I. **T=L**. - *T. apicalis* Mtsch. (Lth. 1963:202).

T. brumalis (1918:408). Male **T**, W. St. Modest, Labr., = **L**. - *T. apicalis* Mtsch. (Lth. 1963:202).

Bembidion levettei (1918:9). Male **T**, Color., = **L**. - *B. levettei* Csy. (Lth. 1963:231-32).

- B. carrianum* (1924:23). Female **T**, Edmonton, Alta.; 2 **P**, St. Albert (close to Edmonton), Alta. **T=L**. - *B. levettei* Csy. (Lth. 1963:231-32).
- B. tristiculum* (1924:22). Male **T**, male **P**, S Oreg. **T=L**. - *B. zephyrum* Fall (Lth. 1963:233), of which it was described as a subspecies.
- B. marginosum* (1924:23). Male **T**, female **P**, Del Norte Co., Calif. **T=L**. - *B. zephyrum* Fall (Lth. 1963:233).
- B. opaciceps* (1918:8). Female **T**, "Calif.", = **L** (3 additional ex., 1 Calif., 2 Oreg., do not belong in the type series; Csy. l.c.:9). - *B. inaequale opaciceps* Csy. (Lth. 1962:8).
- B. hesperium* (1918:9) is a new name for *hesperum* Fall 1910, nec Crotch 1867, and the type, from Vancouver Isl., is in the Fall coll. (MCZ).
- B. binarium* (1918:9). Male **T**, "Calif.", = **L**. - *B. hesperium* Csy. (Lth. 1963:235).
- B. tacomae* (1924:22). Male **T**, Wawawai, Wash., = **L**. - *B. lorquini* Chd. (Lth. 1962:9).
- B. unicum* (1918:12). Female **T**, Laredo, Tex., = **L**. - *B. coxendix* Say (Lth. 1963:243).
- B. venator* (1918:12). Female **T**, 3 **P**, El Paso, Tex. **T=L**. - *B. coxendix* Say (Lth. 1963:243).
- B. snowi* (1918:12). Male **T**, Kansas, = **L**. - *B. coxendix* Say (Lth. 1963:243).
- B. vigilans* (1918:13). Male **T**, female **P**, "L" (= Levette coll.; "probably from Indiana", Csy. l.c.). **T=L**. - *B. coxendix* Say (Lth. 1963:243).
- B. aeneorubrum* (1918:11). Female **T**, Ohio, = **L**. - *B. confusum* Hayw. (Lth. 1963:245), of which it was described as a subspecies.
- B. marquetteense* (1918:11). Female **T**, Marquette, Mich., = **L**. - *B. confusum* Hayw. (Lth. 1963:245), of which it was described as a subspecies.
- B. integrum* (1918:79). Female **T**, male **P**, Texas. **T=L**. - *B. integrum* Csy. (Lth. 1963:249).
- B. illini* (1918:15). Female **T**, Keokuk, Iowa, = **L**. - *B. americanum* Dej. (Lth. 1963:249-50).
- B. sufflatum* (1918:15). Male **T**, Calif., = **L**. - *B. bifossulatum* Lec. (Lth. 1963:250).
- B. cheyennense* (1918:15). Male **T**, 2 **P**, Cheyenne, Wyo. **T=L**. - *B. bifossulatum* Lec. (Lth. 1963:250).
- B. regestum* (1918:16). Male **T**, "L" (= Levette Coll.; "probably Color.", Csy. l.c.), = **L**. - *B. bifossulatum* Lec. (Lth. 1963:250).
- B. nuperum* (1918:16). Male **T**, "L" (= Levette coll.; "almost undoubtedly Color.", Csy. l.c.), = **H**. - *B. bifossulatum* Lec. (Lth. 1963:250).
- B. ferreum* (1924:24). Female **T**, Iron Co., Utah, = **L**. - *B. bifossulatum* Lec. (Lth. 1963:250).
- B. edolatum* (1924:24). Male **T**, 2 **P**, Duluth Minnes. **T=L**. - *B. nitidum* Kby. (Casey's "*nitidum*" = *obliquulum* Lec.; Lth. 1963:251, 254).
- Casey's *josephineum* (1924:25) is described as a "variation" of his *nitidum* (= *obliquulum* Lec.), and the name is therefore not valid.
- B. delawareense* (1924:24). Male **T**, "Penns.", = **H**. - *B. levigatum* Say (Lth. 1963:254), of which it was described as a subspecies.
- B. aleneanum* (1918:114). Male **T**, Coeur d'Alene, Idaho, = **L**. - *B. dyschirinum* Lec. (Lth. 1963:255).
- B. perturbatum* (1918:115). Female **T**, female **P**, Boulder, Color. **T=L**. - *B. dyschirinum* Lec. (Lth. 1963:255).
- B. agitabile* (1918:115). Female **T**, male **P**, Coeur d'Alene, Idaho. **T=L**. - *B. dyschirinum* Lec. (Lth. 1963:255).

B. atrolucens (1918:115). Male **T**, Bull Run, Clackamas Co., Oreg., = **L**. - *B. dyschirinum* Lec. (Lth. 1963:255).

B. speculinum (1924:32). Female **T**, Terrace, B.C., = **H**. - *B. dyschirinum* Lec. (Lth. 1963:255).

B. osculans (1918:20). Female **T**, Calif., = **L**. - *B. osculans* Csy. (Marin Co., designated as type loc.; Lth. 1963:259).

B. speculum (1918:20). Female **T**, Marin Co., Calif., = **L**. - *B. osculans* Csy. (Lth. 1963:259).

B. lascivum (1918:21). Male **T**, 2 **P**, L. Tahoe; 1 **P**, Truckee; Calif. **T** = **L**. - *B. erasum* Lec. (Lth. 1963:261).

B. lubricum (1918:21). Male **T**, 7 **P**, Truckee, Nevada Co., Calif. **T** = **L**. - *B. erasum* Lec. (Lth. 1963:261).

B. probatum (1918:22). Female **T**, 7 **P**, Boulder, Color. **T** = **L**. - *B. erasum* Lec. (Lth. 1963:261).

B. castum (1918:20). Male **T** (not female, cf. Csy.), Sta. Cruz, Mts., Calif., = **L**. - *B. castum* Csy. (Lth. 1963:261).

B. serenum (1918:21). Female **T**, Arcata; 3 **P**, Hoopa Valley; both loc.:s in Humboldt Co., Calif. **T** = **L**. - *B. castum* Csy. (Lth. 1963:261).

B. nescium (1918:30). **T** (sex ?), Metlakatla, B.C., = **L**. - *B. castum* Csy. (Lth. 1963:261).

B. brumale (1918:22). Female **T**, 2 **P**, Metlakatla, B.C. **T** = **L**. - *B. brumale* Csy. (Lth. 1963:262).

B. vacivum (1918:22). Female **T** (not male, cf. Csy.), Skeena R., Terrace, B.C., = **L**. - *B. brumale* Csy. (Lth. 1963:262).

B. fabrum (1918:27). Female **T**, Redwood Creek, Humboldt Co., Calif., = **H**. - *B. iridescens* Lec. (Lth. 1963:266).

B. obliviosum (1918:27). Female **T**, 1 **P**, Spokane, Wash. **T** = **L**. - *B. iridescens* Lec. (Lth. 1963:266).

B. volatile (1918:28). Male **T**, Gilroy Hot Springs, Sta. Clara Co., Calif., = **L**. - *B. iridescens* Lec. (Lth. 1963:266).

B. impium (1918:28). Female **T**, male **P**, Agassiz, B.C. **T** = **L**. - *B. iridescens* Lec. (Lth. 1963:267).

B. amicum (1918:29). Male **T**, Hoopa Valley, Humboldt Co., Calif., = **L**. - Described as a subspecies of *parallelecolle* Motsch. Both are simple synonyms of *iridescens* Lec. (Lth. 1963:366-67).

B. deceptor (1918:29). Male **T**, Metlakatla, B.C., = **L**. - *B. iridescens* Lec. (Lth. 1963:267).

B. repens (1918:35). Female **T**, Booneville, Mendocino Co., Calif., = **L**. - *B. iridescens* Lec. (Lth. 1963:267).

B. essexense (1924:26). Male **T**, Keene Heights, Essex Co., N.Y., = **H**. - *B. simplex* Hayw. (Lth. 1963:268).

B. adultum (1918:33). Female **T**, 2 **P**, Truckee, Calif. **T** = **L**. - *B. kuprianovi* Mnh. (Lth. 1963:269-70).

B. dilutum (1918:33). Female **T**, Truckee, Calif., = **L**. - *B. kuprianovi* Mnh. (Lth. 1963:269-70).

B. bucolicum (1918:34). Male **T**, 5 **P**, Stickeen R., B.C. **T** = **L**. - *B. kuprianovi* Mnh. (Lth. 1963:269).

B. expansipenne (1924:26). Female **T**, Shasta Retreat, Siskiyou Co., Calif., = **L**. - *B. nigrocoeruleum* Hayw. (Lth. 1963:271).

B. blanditum (1918:23). Female **T**, Metlakatla, B.C., = **L**. - *B. incertum* Mtsch. (Lth. 1963:273).

- B. saturatum* (1918:24). Female T, Placer Co., Calif., = L. - *B. incertum* Mtsch. s.l. (Lth. 1963:273).
- B. ampliatum* (1918:24). Male T, Color., = L. - *B. incertum* Mtsch. s.l. (Lth. 1963:273).
- B. lividulum* (1918:25). Female T, Placer Co., Calif., = L. - *B. incertum* Mtsch. s.l. (Lth. 1963:273).
- B. improvisum* (1918:25). Male T, Color., = L. - *B. incertum* Mtsch. s.l. (Lth. 1963:273).
- B. laxatum* (1918:24). Male T (not female, cf. Lth. l.c.), Placer Co., Calif., = L. - *B. laxatum* Csy. (Lth. 1963:274).
- B. adumbratum* (1918:26). Male T, Placer Co., Calif., = L. - *B. laxatum* Csy. (Lth. 1963:274).
- B. haruspex* (1918:31). Female T, 6 P, Inverness; 5 P, Metlakatla; B.C. T=L. - *B. haruspex* Csy.
- B. illex* (1918:31). Male T, Metlakatla, B.C., = L. - *B. quadrioveolatum* Mnh. (Lth. 1963:275).
- B. viator* (1918:31). Male T, Queen Charl. Isl., B.C., = L. - *B. viator* Csy.
- B. improvidens* (1924:25). Male T, Placer Co., Calif., = L. - *B. improvidens* Csy. (Lth. 1963:283).
- B. solutum* (1918:38). Female T, San Francisco & vic., = L. - *B. planatum* Lec. (Lth. 1955:51-52).
- B. adjutor* (1918:39). Female T, Duncan's Mills, Sonoma Co.; 7 male P, from other loc.:s near San Francisco. "The description is drawn from the female" (Csy. l.c.). T=H. - *B. planatum* Lec. (Lth. 1955:51-52).
- B. sierricola* (1924:28). Female T, Nevada Co., Calif., = L. - *B. sierricola* Csy.
- B. gratiosum* (1918:34). Male T, 11 P (1 marked "L", = Levette coll., only), Color. T=L. - *B. gratiosum* Csy. (Lth. 1963:288).
- B. turbatum* (1918:32). Female T, female P, Boulder, Color. T=L. - Subspecies of *B. gebleri* Gebl. (Lth. 1963:290-91).
- B. conflictum* (1918:32). Male T, Red Cliff, Color., = L. - *B. gebleri turbatum* Csy. (Lth. 1963:290-91).
- B. rusticum* (1918:33). Male T, Catskill Mts., N.Y., = H. - *B. rusticum* Csy. s.str. (Lth. 1963:291-92).
- B. notmani* (1924:27). Male T, Keene Heights, Essex Co., N.Y., = H. - *B. rusticum* Csy. s.str. (Lth. 1963:291).
- B. flebile* (1918:41). Female T, Santa Rosa; 7 P, Santa Rosa and Santa Clara Co.; Calif. T=L. - *B. flebile* Csy.
- B. timefactum* (1918:41). Female T, 1 P, Soda Springs, Anderson Valley; 1 P, Gualala; Mendocino Co., Calif. T=L. - *B. flebile* Csy. (Lth. 1963:295-96).
- B. decrepitum* (1918:41). Male T, 12 P, Color. T=L. - *B. flebile* Csy. (Lth. 1963:295-96).
- B. curtulatum* (1918:39). Male T, Hoopa valley, Humboldt Co., Calif., = L. - *B. ? flebile* Csy. (The specimen is teneral and not identifiable beyond doubt; Lth. 1963:295-96).
- B. carolinense* (1924:27). Male T, Black Mts., N.C., = H. - *B. carolinense* Csy.
- B. keeneanum* (1924:28). Female T, Keene Heights, Essex Co., N.Y., = L. - *B. carolinense* Csy.
- B. vulsum* (Lth. 1955:54-55). Female T, Catskill Mts., N.Y., = L. - *B. planum* Hald. (Lth. 1963:298).

B. filicorne (1918:56). Male **T**, male **P**, Oak Ridge, N.J. **T=L**. - *B. planum* Hald. (Lth. 1963:298).

B. champlaini (1918:56). Male **T**, 5 **P**, N. Cumberland, Penns. **T=L**. - *B. fugax* Lec. (Lth. 1963:299).

B. facile (1918:48). Female **T**, Illin., =**L**; 3 supposed **P**, same label, in a different box. - *B. nigrum* Say (Lth. 1963:301-2), of which it was described as a subspecies.

B. morosum (1918:49). Male **T**, Virginia, =**L**. - *B. nigrum* Say (Lth. 1963:301-2).

B. inopinum (1918:51). Male **T**, female **P**, Maine. **T=L**. - *B. salebratum* Lec. (Lth. 1963:302).

B. consessor (1918:52). Female **T**, Bluff Point, L. Champlain, N.Y., =**L**. - *B. salebratum* Lec. (Lth. 1963:302).

B. tartareum (1918:49). Female **T**, Coeur d'Alene, Idaho, =**L**. - *B. quadrulum* Lec. (Lth. 1963:303).

B. porrectum (1918:55). Female **T**, Las Vegas, New Mex., =**L**. - *B. quadrulum* Lec. (Lth. 1963:303).

B. viridinigrum (1924:31). Male **T**, Govan, Wash., =**L**. - *B. quadrulum* Lec. (Lth. 1963:303).

B. oblatum (1918:52). Female **T** (plus 2 ex. outside type series), Nevada, =**L**. - *B. recticolle* Lec. (Lth. 1963:304).

B. pertinax (1918:53). Female **T**, Nevada, =**L**. (The 2 further ex. mentioned by Csy. are probably the ones under *oblatum*). - *B. recticolle* Lec. (Lth. 1963:304).

B. umbraticola (1918:54). Female **T**, 3 **P**, Provo, Utah. **T=L**. - *B. recticolle* Lec. (Lth. 1963:305).

B. govanicum (1924:31). Male **T**, female **P**, Govan, Wash. **T=L**. - *B. nebraskense* Lec. (Hatch, 1953:89; Lth. 1963:312).

B. commotum (1918:23). Female **T**, 2 **P**, L. Tahoe; 6 **P**, Truckee; Calif. **T=L**. - *B. commotum* Csy. (syn. *breve* auct. nec Mtsch., Lth. 1963:313).

B. seclusum (1918:23). Male **T**, Placer Co., Calif. (a second ex., from same loc., later added but not labeled as **P**). **T=H**. - *B. commotum* Csy. (Lth. 1963:313).

B. vancouveri (1918:73). Female **T**, male **P**, Victoria, B.C. **T=L**. - *B. striola* Lec. (Hatch, 1953:90; Lth. 1963:315).

B. shastanicum (1918:74). Female **T**, 4 **P**, Dunsmuir, Siskiyou Co.; 1 **P** nr. Mt. Diablo; Calif. **T=L**. - *B. striola* Lec. (Lth. 1963:315).

B. angustior (1924:33). Male **T**, male **P**, Del Norte Co., Calif. **T=L**. - *B. striola* Lec. (**P** = *B. debilicolle* Csy.) (Lth. 1963:315).

B. modulatum (1924:34). Male **T**, Josephine Co., Oreg., =**H**. - *B. striola* Lec. (Lth. 1963:315).

B. urgens (1924:35). Female **T**, Modoc Co., Calif., =**L**. - *B. debilicolle* Csy. (Lth. 1963:318).

B. satelles (1918:71). Female **T**, Truckee, Calif., =**H**. - *B. satelles* Csy.

B. seductum (1918:66). Female **T**, Eldorado, Color.; male **P**, Color. **T=L**. - *B. grapei* Gyll. (Lth. 1963:319); described as a subspecies of *nitens* Lec.

B. insopitans (1918:68). Female **T**, Victoria, B.C., =**L**. - *B. platynoides* Hayw. (Lth. 1963:322).

B. optatum (1918:69). Female **T**, 6 **P**, Redwood Creek, Humboldt Co., Calif. **T=L**. - *B. platynoides* Hayw. (Lth. 1963:322-23).

- B. merens* (1918:70). Male T, Gualala, Mendocino Co., Calif., = L. - *B. platynoides* Hayw., immature (Lth. 1963:322-23).
- B. militare* (1884a:65). The single male T (reported by Csy. as lost), from Long Isl., N.Y., is in the Leconte coll. (MCZ) and has been labeled by me as H. - *B. lacunarium* Zimm. (Hayward, 1897:83; Lth. 1963:325).
- B. histricum* (1918:68). Male T, "L" (=Levette coll., "probably" Indiana), = H. - *B. lacunarium* Zimm. (Lth. 1963:325).
- B. nactum* (1918:77). Female T, nr. New York City, = L. - *B. tetracolum* Say (Lth. 1963:331), of which it was described as a subspecies.
- B. lepusculum* (1918:75). Male T, Color., = H. - *B. petrosum* Gebl. (Lth. 1963:333-34).
- B. castalium* (1918:75). Female T, 2 P, Las Vegas, New Mex. T=L. - *B. petrosum* Gebl. (Lth. 1963:333-34).
- B. exiguiceps* (1924:34). Female T, Terrace, B.C., = L. - *B. petrosum* Gebl. (Lth. 1963:333-34).
- B. caducum* (1918:80). Male T, 3 P, Cheyenne, Wyom. T=L. - *B. obscurellum* Mtsch. (Lth. 1963:338).
- B. albidipenne* (1918:80). Female T, Montrose, Color., = L. - *B. obscurellum* Mtsch. (Lth. 1963:338).
- B. parowanum* (1918:80). Male T, 3 probable P (in the *caducum* box), L. Salt L., Parowan, Utah. T=L. - *B. obscurellum* Mtsch. (Lth. 1963:338).
- B. petulans* (1918:81). Male T, "Col.?" (Levette coll.), = H. - *B. obscurellum* Mtsch. (Lth. 1963:338).
- B. sejunctum* (1918:79). Male T, "between Fort Wingate and Jemez Springs", New Mex., = L. - *B. sejunctum* Csy. (Lth. 1963:340).
- B. marinicum* (1918:57). Female T, Marin Co., Calif., = H. - *B. transversale* Dej. s.l. (Lth. 1963:341).
- B. sarpedon* (1918:58). Male T, Cañon City, Color., = L. - *B. transversale* Dej. s.l. (Lth. 1963:341).
- B. acomanum* (1918:59). Female T, 7 P, Jemez Springs, New Mex.; 5 P from other loc.:s in New Mex, and Utah. T=L. - *B. transversale* Dej. s.l. (Lth. 1963:341).
- B. excursum* (1918:59). Female T, Tucson, Ariz., = L. - *B. transversale* Dej. s.l. (Lth. 1963:341).
- B. animatum* (1918:62). Female T, 3 P, Jemez Springs; 1 P, Fort Wingate; New Mex. T=L. - *B. transversale* Dej. s.l. (Lth. 1963:341).
- B. tuolumne* (1924:30). Male T, Tuolumne Co., Calif., = L. - *B. transversale* Dej. s.l. (Lth. 1963:341).
- B. salinarium* (1918:86). Female T, 3 P, Parowan; 4 P, Provo, Utah. T=L. - *B. salinarium* Csy.
- B. mobile* (1918:95). Female T, Metlakatla, B.C., = L. - *B. incrematum* Lec. (Lth. 1955:63-64).
- B. semotum* (1918:96). Male T, Truckee, Calif., = L. - *B. incrematum* Lec. (Lth. 1955:63-64).
- B. nubiferum* (1918:96). Male T, Duncan's Mills, Sonoma Co., Calif., = L. - *B. incrematum* Lec. (Lth. 1955:63-64).
- B. gulosum* (1918:96). Female T, Coeur d'Alene, Idaho, = L. - *B. incrematum* Lec. (Lth. 1955:63-64).
- B. oblectans* (1924:36). Female T, Edmonton, Alta., = H. - *B. incrematum* Lec. (Lth. 1955:63-64).
- B. fortunatum* (1924:36). Female T, male P, Edmonton, Alta. T=L. - *B. incrematum* Lec. (Lth. 1955:63-64).

- B. spissicorne* (1924:40). Female **T**, Bellevue, Utah, = **L**. - *B. scudderi* Lec. (Lth. 1963:351).
- B. cornix* (1918:111). Male **T**, "W.T." (= Washington State), = **L**. - *B. obtusangulum* Lec. (Hatch, 1953:96).
- B. dejectum* (1884a:67). Male **T**, male **P**, Arizona. **T** = **L**. - *B. dejectum* Csy.
- B. fidele* (1918:113). Male **T**, Provo, Utah, = **L**. - *B. dejectum* Csy. (Lth. 1963:356).
- B. imperitum* (1918:91). Male **T**, Victoria, B.C.; 2 **P**, Washington State. **T** = **L**. - *B. coloradense* Hayw. (Lth. 1963:357).
- B. prociduum* (1918:91). Male **T**, Washington State, = **L**. - *B. coloradense* Hayw. (Lth. 1963:357).
- B. amplipenne* (1924:36). Female **T**, trout Creek, Juab Co., Utah, = **L**. - *B. coloradense* Hayw. (Lth. 1963:357).
- B. albertanum* (1924, 40). Female **T**, 3 **P**, Edmonton, Alta. **T** = **L**. - *B. coloradense* Hayw. (Lth. 1963:357).
- B. simulator* (1918:93). Female **T**, Mt. Diablo, Contra Costa Co.; female **P**, Santa Rosa, Sonoma Co.; Calif. Csy. mentions only Sonoma Co.; therefore **P** = **L**. - *B. approximatum* Lec. (Lth. 1963:359).
- B. curiosum* (1918:95). Male **T**, San Francisco, = **L**. - *B. indistinctum* Dej. (Lth. 1963:361).
- B. devinctum* (1918:97). Female **T**, 2 **P**, E of San Francisco ("Alameda", Csy.). **T** = **L**. - *B. indistinctum* Dej. (Lth. 1963:361).
- B. extricatum* (1918:98). Female **T**, San Diego, Calif., = **L**. - *B. indistinctum* Dej. (Lth. 1963:361).
- B. caudex* (1918:98). Female **T**, Tehachapi, Calif., = **L**. - *B. indistinctum* Dej. (Lth. 1963:361).
- B. barbarae* (1918:99). Female **T**, 2 **P**, Sta. Barbara, Calif. **T** = **L**. - By Csy. regarded as a subspecies of *consentaneum* Lec., a syn. of *B. indistinctum* Dej. (Lth. 1963:361-62).
- B. sociale* (1918:127). Female **T**, Marquette, Mich.; 21 **P** from several states. **T** = **L**. - *B. rapidum* Lec. (Lth. 1963:363).
- B. accuratum* (1924:39). Male **T**, Edmonton, Alta., = **L**. - *B. semipunctatum* Don. (Lth. 1963:367-68).
- B. graphicum* (1918:108). Male **T**, Bayfield, Wisc., = **L**. - *B. graphicum* Csy.
- B. debiliceps* (1918:104). Female **T**, Corvallis, Oreg., = **L**. - *B. debiliceps* Csy.
- B. retractum* (1918:109). Male **T**, Boulder, Color., = **L**. - *B. nigripes* Kby. (Lth. 1963:369-70).
- B. concitatum* (1924:35; replacing *nigripes* Csy., 1918:92, nec Kby.). Male **T**, 1 **P**, Marquette, Mich. (5 ex, from other regions should not have been marked as **P**). **T** = **L**. - *B. nigripes* Kby. (Lth. 1963:370).
- B. imitator* (1918:105). 1 **T**, 4 **P**, Brit. Col., unrecorded loc.; male **P** no. 2, Kamloops, B.C., selected as **L**. - *B. patrule* Dej. (Lth. 1963:371).
- B. monstratum* (1918:106). Male **T**, 5 **P**, Highland Park, Illin. **T** = **L**. - *B. patrule* Dej. (Lth. 1963:371).
- B. fenisex* (1918:106). Male **T**, 1 **P**, "L" (= Levette coll.); **P** no. 1, Indiana, selected as **L**. - *B. patrule* Dej. (Lth. 1963:371).
- B. plectile* (1918:107). Male **T**, Indiana; 1 **P**, Bayfield, Wisc. **T** = **L**. - *B. patrule* Dej. (Lth. 1963:371).
- B. exclusum* (1918:109). Male **T**, Highland Park, Illin., = **L**. - *B. patrule* Dej. (Lth. 1963:371).

- B. marcidum* (1918:110). Female T, nr. New York City (2 P seem to be missing). T=L. - *B. patrule* Dej. (Lth. 1963:371).
- B. subexiguum* (1924:37). Male T, Terrace, B.C.,=L. - *B. patrule* Dej. (Lth. 1963:371-72).
- B. contristans* (1924:37). Male T, 1 P, Rhode Isl. T=L. - *B. patrule* Dej. (Lth. 1963:371).
- B. thespis* (1918:128). Male T, Marquette, Mich.,=L. - *B. affine* Say (Lth. 1963:376).
- B. tolerans* (1918:132). Female T, 6 P, Metlakatla, B.C. T=L. - *B. versicolor* Lec. (Lth. 1955:70).
- B. terracense* (1924:41). Male T, Terrace, B.C.,=L. - *B. versicolor* Lec. (Lth. 1955:70).
- B. wisconsinium* (1924:41). Female T, Bayfield, Wisc.,=L. - *B. versicolor* Lec. (Lth. 1963:377).
- B. oregonum* (1924:42). Male T, male P, Josephine Co., Oreg. T=L. - *B. timidum* Lec. (Lth. 1963:378).
- B. rotundiceps* (1918:132). Female T, Long Isl., N.Y.,=L. - *B. mimus* Hayw. (Lth. 1963:380).
- B. pellax* (1918:136). Male T, female P, Boston Neck, R.I. T=L. - *B. mimus* Hayw. (Lth. 1955:71).
- B. impotens* (1918:129). New Name for *pictum* Lec. 1848, nec Dft. 1812. Holotype thus in coll. Lec. (MCZ), and so labeled by me. - *B. impotens* Csy.
- B. aestivum* (1918:129). Male T, Highland Park, Illin.,=L. - *B. impotens* Csy. (Lth. 1963:380).
- B. diligens* (1918:114). Male T, 3 P, Provo, Utah. T=L. - *B. diligens* Csy.
- B. parabile* (1918:114). Female T, Reno, Nev.,=L. - *B. diligens* Csy. (Lth. 1963:382).
- B. vilescans* (1924:43). Male (not female) T, Bellevue, Utah,=H. - *B. diligens* Csy. (Lth. 1963:382).
- B. gregale* (1918:148). Female T, 3 P, Agassiz, B.C. T=L. - *B. quadrimaculatum dubitans* Lec. (Lth. 1963:384).
- B. pugetanum* (1918:148; nec Fall, 1916). Male T, 7 P, "W.T." (=Washington State). T=L. - *B. quadrimaculatum dubitans* Lec. (Lth. 1963:384).
- B. sapphicum* (1918:149). Male T, 3 P, Reno, Nev. T=L. - *B. quadrimaculatum dubitans* Lec. (Lth. 1963:384).
- B. vegetum* (1918:151). Female T, 4 P, Boulder, Color. T=L. - *B. mutatum* G. & H. (Lth. 1963:386).
- B. novellum* (1918:113). Male T, Truckee, Calif.=H. - *B. convexulum* Hayw. (Lth. 1963:392).
- B. blaidelli* (1918:222). New name for *concinnum* Blaisd. 1902, nec Stephens 1829; type in Calif. Acad. Sci. - *B. roosvelti* Pic (Lth. 1963:392).
- B. edmontonense* (1924:37). Female T, Edmonton, Alta.,=L. - *B. transparens* Gebl. (Lth. 1955:75).
- B. concretum* (1918:156). Female T, Marquette, Mich.,=L. - *B. concretum* Csy. (syn. *anguliferum* auct. nec Lec; Lth. 1963:395-96).
- B. congruens* (1918:156). Female T, female P, Boston Neck, R.I. T=L. - *B. concretum* Csy. (Lth. 1963:395-96).
- B. habile* (1918:162). Male T, Highland Park, Illin.; male P, Marquette, Mich. T=L. - *B. concretum* Csy. (Lth. 1963:395-96).
- B. tersum* (1918:162). Male T, L. Tahoe, Calif.,=L. - *B. anguliferum* Lec. (Lth. 1963:396).

B. umbraticum (1918:158). Male T, Marquette, Mich., = L. - *B. fortetria-*
tum Mtsch. (syn. *cautum* Lec.; Lth. 1963:396-97).

B. peregrinum (1918:159). Female T, Queen Charl. Isl., = H. - *B. fortes-*
triatum Mtsch. (syn. *cautum* Lec.; Lth. 1963:397).

B. canadianum (1924:43). Female T, 2 P, Edmonton, Alta. T=L. - *B.*
canadianum Csy. (Lth. 1963:399).

B. digressum (1918:155). Female T, St. Helena, Calif., = L. - *B. connivens*
Lec. (Lth. 1963:401).

B. ampliceps (1918:161). Male T, Gilroy Hot Springs, Santa Clara Co.,
Calif., = H. - *B. ampliceps* Csy. (Lth. 1963:401).

B. siticum (1918:157). Male T, Gualala, Mendocino Co., Calif.; 3 P from
Calif. & Nev. T=L. - *B. siticum* Csy. (Lth. 1963:402).

B. adolescens (1918:158). Female T, Booneville, Mendocino Co., Calif., = L.
- *B. siticum* Csy. (Lth. 1963:402).

Amerizus longicornis (1918:166). Male T, Sta. Cruz Mts., Calif., = L. -
Bembidion spectabile Mnh. (Lth. 1963:403-04).

A. crassicornis (1918:165). Male T, Inverness, B.C., = L. - *B. oblongulum*
Mnh. (Lth. 1963:404).

A. keeni (1918:166). Male T, male P, Metlakatla, B.C. T=L. - *B. oblon-*
gulum Mnh. (Lth. 1963:404).

Phrypeus rutilinus (1924:44). Female T, 3 P, Josephine Co., Oreg. T=L.
- *P. rickseckeri* Hayw. (Lth. 1963., 408).

For *Tachys*, and related genera, see T. L. Erwin (1974a, 1974b).

Cylindrocharis sulcatula (1918:327). Male T, 1 P, without loc. label
("probably Indiana", acc. to Csy.). T=L. - *Pterostichus rostratus* Newm.
(Van Dyke, 1925b:75; Lth. 1966, 457; Barr, 1971).

C. piceata (1918:327). Male T, New York, = L. (No specimen from Maine.)
- *P. rostratus* Newm. (Van Dyke, 1925b:75; Lth. 1966:457; Barr, 1971).

Holciophorus vancouveri (1913:97). Male T, Victoria, B.C., = L. - *Pteros-*
tichus lama Mén. (Lth. 1966:458).

H. pollens (1913:97). Male T, 2 P, L. Tahoe, Calif.; 1 P labeled Calif. only.
T=L. - *P. lama* (Mén. (Lth. 1966:458).

H. cephalus (1913:98). Male T, Calif., = H. - *P. lama* Mén. (Csy., 1924:68;
Lth. 1966:458).

H. domitor (1913:98). Male T, no. loc. label; 1 "P", L. Tahoe, Calif., not
belonging to the type series. T=L. - *P. lama* Mén. (Lth. 1966:458).

Pterostichus rectilatus (1913:106). Male T, Clackamas, Oreg., = L. - *P.*
crenicollis Lec. (Lth. 1966:460).

P. pugetanus (1913:107). Female T, Clackamas, Oreg., = L. - *P. crenicollis*
Lec. (Cay., 1918:328:Lth. 1966:460).

Hypherpes innatus (1918:328). Female T, "Canada ?", = L. - *Pterostichus*
algidus Lec. (Lth. 1966:460).

H. responsor (1918:330). Female T, Victoria, B.C., = L. - *Pterostichus al-*
gidus Lec. (Lth. 1966:460).

H. anthrax (1918:331). Female T, Vanc. Isl., B.C., = L. - *Pterostichus al-*
gidus Lec. (Lth. 1966:460).

Pterostichus fontinalis (1913:110). Male T, Yellowstone Park, = L. -
Pterostichus protractus Lec. (Lth. 1966:463).

Hypherpes vivax (1918:333). Male T, Yellowstone Park, = L. - *Ptero-*
stichus protractus Lec. (Lth. 1966:463).

H. provensis (1924:69). Female T, Provo Cañon,; male P, Miner's Peak; Utah. T=L. Utah, =L. - *P. contractus* Lec. (Lth. 1966:463).

H. utensis (1924:69). Female T, Provo Cañon, Utah, =L. - *Pterostichus protractus* Lec. (Lth. 1966:463).

Pterostichus scenicus (1913:103). Female T, Brit. Col., =H. - *P. herculaneus* Mnh. (Hatch, 1953:108; Lth. 1966:464).

P. novellus (1913:102). Male T, 1 P, Hydeville, Valley of Eel R., Calif.; 6 P, Calif., Oreg., Wash. T=L. - Described as a subspecies of *amethystinus* Mnh. but not in need of a name (Hatch, 1953:111; Lth. 1966:464).

P. metlakatlae (1913:102). Female T, 1 P, Metlakatla, B.C. T=L. - Described as a subspecies of *amethystinus* Mnh. but not in need of a name (Hatch, 1953:111; Lth. 1966:464).

P. jejunus (1913:104). Female T, "L" (=Levette coll.; probably Calif., acc. to Csy.), =H. - *P. amethystinus* Mnh. (Lth. 1966:464).

Hypherpes stoicus (1924:68). Male T, Inverness, B.C., =L. - *P. amethystinus* Mnh. (Lth. 1966:464).

Pterostichus wrangelli (1913:131). Male T, Fort Wrangell, Alaska, =H. - Aberrant specimen of *castaneus* Dej., with dorsal puncture on 3rd elytral interval (Csy., 1918:328; Lth. 1966:466).

Hypherpes terracensis (1924:68). Male T, Terrace, B.C., =L. - *Pterostichus castaneus* Dej. (Hatch, 1953:110; Lth. 1966:466).

Pterostichus zephyrus (1884a:2). Male T, without loc., =H. (By Perrault designated as L.) - *P. tristis* Dej. (distinct from *adoxus* Say, acc. to Perrault, 1973).

P. tetricula (1913:130). Female T, female P, Bayfield, Wisc. P labeled as L, by Perrault, and T as "paralectotype" - *P. tristis* Dej. (distinct from *adoxus* Say, acc. to Perrault, 1973).

Hypherpes sufflatus (1920:187). Female T, no loc. ("probably Indiana", acc. to Csy.), =H. (By Perrault designated as L.) - *Pterostichus adoxus* Say (Lth. 1966:467-68; Perrault, 1973:39).

Pterostichus osculans (1884a:2). Female T, male P, no loc. T=L. (Perrault labeled the male P as L) - *P. diligendus* Chd. (Darlington 1931:160; Lth. 1966:469).

P. idahoanus (1924:78). Male T, Moscow Mt., Idaho, =H. - *P. sphodrinus* Lec. (Darlington 1931:158; Lth. 1966:470).

P. pumilus (1913:129; "*pumilis*", changed by Csy., 1914:356). Male T, 3 P, Bull Run, Clackamas Co., Oreg. T=L. - *P. pumilus* Csy. (syn. *longicollis* Lec.; Hatch 1953:112; Lth. 1966:171).

Micromaseus longicollis (1924:75). Male T, "W.T." (Washington State), =H. - *Pterostichus pumilus* Csy. (Hatch 1953:112; Lth. 1966:471).

Gastrellarius atronitens (1918:339). Male T, Indiana, =L. - *Pterostichus honestus* Say (Lth. 1966:472).

G. scolopaceus (1918:340). Male T, "L" (=Levette coll., "probably Indiana", acc. to Csy.), =H. - *P. honestus* Say (Lth. 1966:472).

G. deficiens (1918:340). Female T, Indiana, =L. - *P. honestus* Say (Lth. 1966:472).

Pterostichus manhattanis (1884a:76); subspecies of *lucublandus* Say (Csy. 1924:76). Male T, Long Isl., N.Y. =H. - *P. lucublandus* Say (Lth. 1966:482).

Poecilus elucens (1924:76). Male T, 2 P, Edmonton, Alta. T=L. - *Pterostichus lucublandus* Say (Lth. 1966:482).

- P. planifer* (1924:76). Female T, 2 P, Agassiz, B.C. T=L. - *P. lucublandus* Say (Lth. 1966:482).
- Bothriopterus latescans* (1913:139). Female T, male P, L. Tahoe, Calif. T=L. - *Pterostichus adstrictus* Eschz. (Lth. 1955:93).
- B. sericeus* (1913:140). Female T, Clackamas, Oreg., =L. - *P. adstrictus* Eschz. (Lth. 1955:93).
- B. latebricola* (1913:141). Female T, 8 P, Truckee, Calif. T=L. - *P. adstrictus* Eschz. (Lth. 1955:93).
- B. shastanus* (1913:141). Male T, Siskiyou Co., Calif., =L. - *P. adstrictus* Eschz. (Lth. 1955:93).
- B. saxatilis* (1913:142). Male T, Boulder, Color.; 7 P, Color., Ariz. T=L. - *P. adstrictus* Eschz. (Lth. 1955:93).
- B. laxicollis* (1913:142). Male T, 2 P, Color. T=L. - *P. adstrictus* Eschz. (Lth. 1955:93).
- B. angusticollis* (1924:77). Male T, Provo Cañon, Utah, =L. - *P. adstrictus* Eschz. (Lth. 1955:93).
- Dysidius trinarius* (1918:377). Female T, 10 P, Camphill, Pa. T=L. - *Pterostichus ohionis* Cki. (*purpuratus* Lec.), of which it was described as a subspecies (Lth. 1966:489).
- D. egens* (1924:74). Female T, New Jersey, =L. - *P. mutus* Say (Lth. 1955:92).
- Parargutor atrolucens* (1918:378). Male T, female P, Clackamas, Oregon. T=L. - *Pterostichus lustrans* Lec. (Lth. 1966:490).
- Pterostichus probus* (1913:133). Female T, Asheville, N.C., =L. - *P. stygicus* Say (Nicolay & Weiss 1934; Lth. 1966:492-93).
- P. vapidus* (1913:134). Male T, Adirondack Mts., N.Y., =L. - *P. stygicus* Say (Nicolay & Weiss 1934; Lth. 1966:492-93).
- Euferonia quadrifera* (1918:366). Male T, Ontario, =L. - *P. stygicus* Say (Nicolay & Weiss 1934; Lth. 1966:493).
- E. umbonata* (1918:368). Male T, female P, Boston Neck, R.I. T=L. - *P. stygicus* Say (Nicolay & Weiss 1934; Lth. 1966:493).
- E. subaequalis* (1918:368). Male T, Indiana, =L. - *P. stygicus* Say (Nicolay & Weiss 1934; Lth. 1966:493).
- E. ingens* (1918:367). Female T, Willow Spring, Illin.; 5 P from Missouri and unknown loc. T=L. - *P. iripennis* Nic. & Weiss, if distinct from *stygicus* Say (Lth. 1966:493).
- Pterostichus erebeus* (1913:134). Female T, Bayfield, Wisc., =L. - *P. coracinus* Newm. (Lth. 1966:494).
- Euferonia roanica* (1920:188). Male T, Roan Mt., N.C., =L. - *Pterostichus coracinus* Newm. (Lth. 1966:494).
- E. venator* (1920:189). Male T, 2 P Danville, Pa. T=L. - *P. coracinus* Newm. (Lth. 1966:494), of which it was described as a subspecies.
- E. ludibunda* (1920:189). Female T, Buena Vista Spring, Franklin Co., Pa., =L. - *P. coracinus* Newm. (Lth. 1966:494), of which it was described as a subspecies.
- E. lacustris* (1924:71). Male T, nr. Chicago, Illin., =L. - *P. coracinus* Newm. (Lth. 1966:494; though wrong type loc. given).
- E. strigosula* (1924:72). Male T, Hagerstown, Md., =L. - *P. coracinus* Newm. (The Csy. name was unintentionally omitted in Lth. 1966.)
- Lophoglossus vernix* (1913:146). Male T, Lyme, Conn., =L. - *Pterostichus vernix* Csy.

- Omaseus aequalis* (1924:72). Female T, New Jersey, = L. - *Pterostichus corvinus* Dej. (Lth. 1966:499).
- O. brevibasis* (1924:73). Female T, nr. N.Y. City, = L. - *P. caudicalis* Say (Lth. 1966:500).
- O. tenuis* (1924:73). Female T, New Jersey, = L. - *P. luctuosus* Dej. (Lth. 1955:90; 1966:501).
- O. confluens* (1924:73). Male T, Boston Neck, R.I. (A second ex., from the Levette coll., wrongly labeled as P.). T=L. - *P. luctuosus* Dej. (Lth. 1955:90; 1966:501).
- O. testaceus* (1924:74). Female T, Boston Neck, R.I., = H. - *P. luctuosus* Dej. (Lth. 1955:90; 1966:501).
- Micromaseus aequicollis* (1918:379). Male T, Missouri (St. Louis, acc. to Csy.), = H. - *Pterostichus femoralis* Kby. (Lth. 1966:504).
- Subg. *Cryobius*. Types will be designated by G. E. Ball.
- Abacidus planifer* (1913:136). Female T, Indiana, = H. - *A. permundus* Say (Lth. 1966:535-36).
- Loxandrus velocipes* (1918:390). Male T, Distr. of Col., = L. - *L. velocipes* Csy.
- L. inquietus* (1918:389). Female T, labeled "L" (=Levette coll.; though Csy. reports Indiana, the loc. must be regarded as doubtful) = L. - *L. minor* Chd. (Lth. 1966:540).
- Calathus sonoricus* (1913:156). Male T, Arizona, = L. - *C. opaculus* Lec. (Lth. 1966:543).
- C. coloradensis* (1913:157). Female T, 2 P, Boulder, Color. T=L. - *C. ingratus* Dej. (Lth. 1955:112).
- C. labradorinus* (1913:158). Female T, 3 P, W. St. Modest, Labr. T=L. - *C. ingratus* Dej. (Lth. 1955:112).
- C. planifer* (1920:217). Female T, St. Paul Isl., Alaska, = H. (The loc. is no doubt wrong). - *C. ingratus* Dej. (Lth. 1955:112).
- C. beringi* (1920:218). Male T, 10 P, St. Paul Isl., Alaska. T=L. (The loc. is no doubt wrong). - *C. ingratus* Dej. (Lth. 1955:112).
- C. nanulus* (1920:218). Male T, 10 P, St. Paul Isl., Alaska. T=L. (The loc. is no doubt wrong). - *C. ingratus* Dej. (Lth. 1955:112).
- C. calator* (1920:220). Female T, Peaceful Valley, Color., = L. - *C. ingratus* Dej. (Lth. 1966:544-45).
- C. aquilus* (1920:220). Male T, Ouray, Color., = L. - *C. ingratus* Dej. (Lth. 1955:112).
- C. grandicollis* (1920:215). Male T, 2 P, Hydesville, Eel R., Calif. T=L. - *C. grandicollis* Csy. (Lth. 1966:547).
- Pristodactyla binaria* (1920:222). Female T, 4 P, S Arkansas. T=L. (The loc. is highly doubtful; cf. *Nebria arkansana*.) - *Calathus advena* Lec. (Lth. 1955:114).
- P. scolopax* (1920:223). Male T, 8 P, Colorado. T=L. - *C. advena* Lec. (Lth. 1955:114).
- P. convexa* (1913:160). Female T, L. Champlain, N.Y., = L. - *Synuchus impunctatus* Say (Lth. 1955:115), of which it was described as a subspecies.
- P. arizonica* (1913:160). Male T, Arizona, = L. - *S. dubius* Lec. (Lth. 1956:523).
- P. zuniana* (1913:161). Male T, New Mex., = L. - *S. dubius* Lec. (Lth. 1956:523).
- P. neomexicana* (1920:221). Male T, New Mex.; male, female P,

Cloudcroft, New Mex. The male **P** designated as **L**. - *S. dubius* Lec. (Lth. 1956:523).

P. juabitica (1924:87). Female **T**, Trout Creek, Juab Co., Utah, = **L**. - *S. dubius* Lec. (Lth. 1956:523).

P. semirufa (1913:161). Female **T**, Chihuahua, Sierra Madre Mts., Mexico, = **L**. - *S. semirufus* Csy. (Lth. 1956:522).

P. subopaca (1920:223). Female **T**, Tres Marias, Morelos, Mexico, = **L**. - *S. ? semirufus* Csy. (Lth. 1956:522).

Olisthopus pictus (1913:169). Male **T**, Bayfield, Wisc., = **L**. - *O. parmatus* Say (Lth. 1966:553).

O. iterans (1913:170). Male **T**, Indiana; 1 **P**, "L" (= Levette collection). **T**=**L**. - *O. parmatus* Say (Lth. 1966:553), of which it was described as a subspecies.

Sericoda insulina (1920:97). Male **T**, Victoria, B.C., = **L**. - *Agonum obsoletum* Say (Lth. 1966:566).

S. invidiosa (1920:97). Male **T**, 1 **P**, Colorado. **T**=**L**. - *A. bogemani* Gyll. (Lth. 1966:567).

S. tacomae (1920:98). Female **T**, "W.T." (= Washington State), = **H**. - *A. bogemani* Gyll. (Lth. 1966:567).

S. monticola (1920:94). Female **T**, Colorado, = **L**. - *A. bembidioides* Kby. (Lth. 1966:569).

S. colonicum (1920:94). Female **T**, 2 **P**, Sierra Madre Mts., Mexico. **T**=**L**. - *A. bembidioides* Kby. (Lth. 1966:569).

Agonum invalidum (1924:84). Male **T**, Edmonton, Alta., = **H**. - *A. consimile* Gyll. (Lth. 1955:126).

Anchomenus ineptus (1920:63). Male **T**, Coeur d'Alene, Idaho, = **L**. - *A. sordens* Kby. (Lth. 1966:575).

Europhilus frosti (1924:86). Male **T**, Eastbrook, Maine, = **L**. - *A. sordens* Kby. (Lth. 1955:126).

E. collusor (1920:129). Male **T**, Montana, = **L**. - *A. retractum* Lec. (Lth. 1955:127).

E. facilis (1920:130). Female **T**, 5 **P**, Boston Neck, R.I. **T**=**L**. - *A. retractum* Lec. (Lth. 1955:127).

E. serenus (1920:131). Male **T**, 1 **P**, Bayfield, Wisc.; 3 **P**, Duluth, Minnes. **T**=**L**. - *A. retractum* Lec. (Lth. 1955:127).

E. symmetricus (1920:129). Female **T**, Devil's L., N. Dak.; 2 **P**, B.C. & Kans., resp. **T**=**L**. - *A. gratiosum* Mnh. (Lth. 1955:128).

E. properans (1920:129). Female **T**, Durham, N.H., = **L**. - *A. gratiosum* Mnh. (Lth. 1955:128).

E. carri (1924:85). Female **T**, male **P**, Edmonton, Alta. Male **P**=**L**, because the **T** does not fit the description (see Lth. 1966:577). - *A. gratiosum* Mnh. (Lth., l.c.).

E. elegantulus (1920:127). Male **T**, New Jersey, = **L**. - *A. lutulentum* Lec. (Lth. 1966:580), of which it was described as a subspecies.

E. adustus (1920:127). Male **T**, 1 **P**, Indiana; 4 **P**, "L" (= Levette coll.). **T**=**L**. - *A. lutulentum* Lec. (Lth. 1966:580), of which it was described as a subspecies.

E. atriceps (1920:128). Female **T**, Mass., = **L**. - *A. lutulentum* Lec. (Lth. 1966:581).

E. galvestonicus (1920:126). Male **T**, Galveston, Texas, = **H**. - *A. galvestonicum* Csy.

Platynomicrus fragilissimus (1920:92). Male T, Toronto, = L. - *Agonum nigriceps* Lec. (Lth. 1955:129).

Anchomenus tritus (1920:63). Male T, 2 P, Bayfield, Wisc. T = L. - *Agonum piceolum* Lec. (Lth. 1966:587).

A. fractus (1920:63). Male T, Provo, Utah, = L. - *A. piceolum* (Lth. 1966:587), described as a subspecies of *tritus* Csy.

A. lacsivus (1920:66). Male T, Stikeen R., B.C., = L. - *A. piceolum* Lec. (Lth. 1966:587).

A. frigidulus (1920:66). Male T, Stikeen R., B.C., = L. - *A. piceolum* Lec. (Lth. 1966:587).

A. dissensus (1920:67). Female T, Priest R., Idaho, = L. - *A. piceolum* Lec. (Omitted in Lth. 1966.)

A. wadei (1920:62). Female T, Wilbur, Wash., = L. - *A. ferruginosum* Dej. (Lth. 1966:588).

A. marcidus (1920:65). Male T, Ouray, Color., = L. - *A. ferruginosum* Dej. (Lth. 1966:588).

Sericoda coronadina (1920:96). Female T, 1 P, San Diego, Calif. T = L. - *Agonum variolatum* Lec. (Lth. 1966:589), of which it was described as a subspecies.

S. shastanica (1920:96). Female T, Siskiyou Co., Calif. = L. - *A. variolatum* Lec. (Lth. 1966:589).

Agonum gemmeum (1920:103). Male T, Kansas, = L. - *A. cupripenne* Say (Lth. 1966:591).

A. viridissimum (1920:103). Male T, Stockton, Utah; 2 P, Color.; 1 P, Oreg. T = L. - *A. subsericeum* Lec. (Lth. 1966:591).

A. suffusum (1920:104). Female T, Agassiz, B.C.; 10 P, Wash., Oreg. T = L. - *A. subsericeum* Lec. (Lth. 1966:591).

A. latiusculum (1920:104). Female T, Calif., = L. - Described as a subspecies of *suffusum* Csy. - *A. subsericeum* Lec. (Lth. 1966:591).

A. uteanum (1920:104). Female T, Ogden, Utah, = L. - Described as a subspecies of *suffusum* Csy. - *A. subsericeum* Lec. (Lth. 1966:591).

A. brevisculum (1920:119). Female T, L. Tahoe, Calif., = L. - *A. fossigerum* Dej. (Lth. 1966:596).

A. pertinax (1920:119). Male T, Reno, Nev., = H. - *A. fossigerum* Dej. (Lth. 1966:596).

A. atromicans (1920:120). Male T, "L" (=Levette coll. "possibly Color.", acc. to Csy.), = H. - *A. fossigerum* Dej. (Lth. 1966:596).

A. vegetum (1920:121). Female T, 1 P, Sta. Cruz, Calif. T = L. - *A. fossigerum* Dej. (Lth. 1966:596).

A. columbicum (1920:121). Male T, The Dallas, Oreg., = L. - *A. fossigerum* Dej. (Lth. 1966:596).

A. tumidulum (1920:121). Female T, 2 P, Humboldt Co., Calif.; 1 P, Duns-muir, Siskiyou Co., Calif. T = L. - *A. fossigerum* Dej. (Lth. 1966:596).

A. longulum (1920:107). Male T, Douglas, Utah, = L. - *A. cupreum* Dej. (Lth. 1966:596).

A. parallelum (1920:108). Female T, Boulder, Color., = L. - *A. cupreum* Dej. (Lth. 1966:596).

A. marquettense (1920:108). Female T, Marquette, Mich., = L. - *A. cupreum* Dej. (Lth. 1966:596).

A. borealinum (1920:109). Male T, Duluth, Minnes., = L. - Described as subspecies of *seminitidum* Kby.; both = *cupreum* Dej. (Lth. 1966:596).

- A. ovalicauda* (1920:109). Male T, 1 P, Boulder, Color. T=L. - *A. cupreum* Dej. (Lth. 1966:596).
- A. esuriale* (1920:109). Male T, Color., =L. - *A. cupreum* Dej. (Lth. 1966:596).
- A. cupreolucens* (1924:83). Male T, Winnipeg, 18 P, Mich., Missouri & c. T=L. - *A. cupreum* Dej. (Lth. 1966:596).
- A. uintanum* (1924:83). Male T, Mammoth. Parowan Mts., Utah, =L. - Probably a subspecies of *cupreum* Dej. (Lth. 1966:597).
- A. militare* (1920:114). Female T, West Point, N.Y., =L. - *A. melanarium* Dej. (Lth. 1966:600).
- A. fidele* (1920:116). Male T, 2 P, Boston Neck, R.I. T=L. - *A. fidele* Csy. (syn. *molestum* Lec.; Lth. 1966:601).
- A. subinflatum* (1920:117). Male T, Marquette, Mich., 2 P, Bayfield, Wisc. T=L. - *A. fidele* Csy. (Lth. 1966:601).
- A. hyslopi* (1920:113). Male T, Wilbur, Wash., =L. - *A. corvus* Lec. (Lth. 1966:603).
- A. debiliceps* (1920:118). Female T, Duluth, Minnes., =H. - *A. corvus* Lec. (Lth. 1966:603).
- A. lacustre* (1920:114, 122). This was a new name proposed for *metallescens* Lec. (nec Dej., *nomen nudum*), and the type is therefore in coll. Lec. (MCZ) (Lth. 1955:122; 1966:608).
- A. terracense* (1924:85). Male T, Terrace, B.C., =L. - *A. metallescens* Lec. (Lth. 1955:122; 1966:608).
- A. mordax* (1920:113). Male T, Beaver Dam, Wisc., =L. - *A. harrisi* Lec. (Lth. 1966:609).
- A. aethiops* (1920:116). Female T, "Brit.Amer. ?", =H. - *A. harrisi* Lec. (Lth. 1966:609).
- A. humile* (1920:117). Male T, Kalispell, Mont., =L. - *A. propinquum* G. & H. (Lth. 1955:124; 1966:611).
- A. insuetum* (1920:118). Female T, 3 P, Wilbur, Wash. T=L. *A. propinquum* G. & H. (Lth. 1955:124; 1966:611).
- A. amens* (1924:83). Male T, 2 P, Edmonton, Alta. T=L. *A. propinquum* G. & H. (Lth. 1955:124; 1966:611).
- A. amplior* (1920:124). Female T, Boulder, Color.; 6 P, New Mex., &c. T=L. - *A. placidum* Say (Lth. 1966:613), of which it was described as a subspecies.
- A. aztecanum* (1920:124). Female T, 2 P, Amecameca, Mexico. T=L. - *A. placidum* Say (Lth. 1966:613), of which it was described as a subspecies.
- A. citatum* (1920:124). Male T, New Hamps., =L. - *A. placidum* Say (Lth. 1966:613), of which it was described as a subspecies.
- A. rhodeanum* (1924:84). Male T, Rhode Isl., =L. - *A. placidum* Say (Lth. 1966:613).
- Anchomenus metuens* (1920:52). Male T, Newport, Oreg., =L. - *Agonum quadratum* Lec. (Lth. 1966:617).
- A. dilleyanus* (1920:52). Male T, Dilley, Oreg., =L. - *A. quadratum* Lec. (Lth. 1966:617).
- Micragonum breviceps* (1920:87), male T, Vicksburg, Missis., =L. - *Agonum striatopunctatum* Dej. (Lth. 1966:618).
- M. luculentum* (1920:88). Female T, Indiana, =L. - *A. striatopunctatum* Dej. (Lth. 1966:618).
- M. semiviride* (1920:85). Female T, Fruitdale; male P, Salco; Alabama. T=L. - *A. crenulatum* Lec. (Lth. 1966:619).

- M. ovalipenne* (1920:86, 88). Female T, S. Pines, N.C.; female P, Alab. T=H. - *A. crenulatum* Lec. (Lth. 1966:619).
- M. houstoni* (1920:87). Male T, Galveston, Tex., =H. - *A. crenulatum* Lec. (Lth. 1966:619).
- M. pinorum* (1920:86). Male T, female P, S. Pines, N.C. T=L. - *A. crenulatum* Lec. (Omitted in Lth. 1966.)
- M. concretum* (1920:83). Female T, 3 P, Illin. T=L. - *A. basale* Lec. (Lth. 1966:620).
- M. amicum* (1920:83). Female T, N Illin., =L. - *A. basale* Lec. (Lth. 1966:620), described as a subspecies of *concretum* Csy.
- Circinalia politissima* (1920:76). Female T, Duluth, Minnes., 1 P, "L" (=Levette coll.). T=L. - *Agonum crenistriatum* Lec. (Lth. 1966:621).
- C. statenensis* (1920:77). Female T, Staten Isl., N.Y.; 1 P, Hagerstown, Md. T=L. - *A. crenistriatum* Lec. (Lth. 1966:621), described as a subspecies of *politissimum* Csy.
- C. liticola* (1920:77). Male T, Iowa City, =L. - *A. crenistriatum* Lec. (Lth. 1966:621).
- C. roticollis* (1920:78). Male T, male P, New Jersey. T=L. - *A. crenistriatum* Lec. (Lth. 1966:621).
- C. rigidula* (1920:75). Male T, 9 P, S. Pines, N.C.; 1 P, Alabama. T=L. - *A. rigidulum* Csy. (Lth. 1966:621).
- C. semipunctata* (1920:75). Female T, "Va." (Virginia), =L. - *A. rigidulum* Csy. (Lth. 1966:621), of which it was described as a subspecies.
- C. putata* (1920:75). Female T, S. Pines, N.C., =L. - *A. rigidulum* Csy. (Lth. 1966:261), of which it was described as a subspecies.
- C. ventricula* (1920:75). Female T, Mobile, Alab., =L. - *A. rigidulum* Csy. (Lth. 1966:621).
- C. ludoviciana* (1920:76). Male T, Alexandria, Louis., =L. - *A. punctiforme* Say (Lth. 1966:622).
- C. undulata* (1920:79). Male T, 15 P, S. Pines, N.C., T=L. - *A. aeruginosum* Dej. (Lth. 1966:623). The "Types" of *Circinalia undulata* and *Micragonum solidulum* were accidentally reversed in the Csy. coll. sometime before 1973; restored by me in 1973.
- Anchomenus ontarionis* (1920:54). Female T, Toronto, =L. - *Agonum excavatum* Dej. (Lth. 1966:623).
- A. trinarius* (1920:54). Male T, "L" (=Levette coll., "probably Indiana," Csy., l.c.), =H. - *A. excavatum* Dej. (Lth. 1966:623).
- Micragonum quadrulum* (1920:81). Female T, Illin., =L. - *Agonum ferreum* Hald. (Lth. 1966:624).
- M. solidulum* (1920:82). Female T, 8 P, Highland Park, Illin.; 4 P, Illin.; 1 P, Kansas. T=L. - *A. ferreum* Hald. (Lth. 1966:624). See *Circinalia undulata* above.
- Anchomenus gaudens* (1920:55). Male T, L. Champlain, N.Y., =L. - *Agonum extensicolle* Say, "eastern form" (Lth. 1966:625-27).
- A. clientulus* (1920:55). Male T, Rutherford, N.J., =L. - *A. extensicolle* Say, "eastern form" (Lth. 1966:625-27); described as a subspecies of *gaudens* Csy.
- A. vigilans* (1920:56). Male T, male P, Asheville, N.C. T=L. - *A. extensicolle* Say, "eastern form" (Lth. 1966:625-27).
- A. irruptus* (1920:60). Male T, Priest R., Idaho, =L. - *A. californicum* Dej. (Hatch 1953; Lth. 1966:628).
- A. laxatus* (1920:67). T (sex ?), male P, Utah. The T lacks front tarsi; therefore P was made L. - *A. thoracicum* Dej. (Lth. 1966:629).

- A. arenarius* (1920:68). Male **T**, Galveston, Texas, = **H**. - *A. decorum* Say (Lth. 1966:629), of which it was described as a subspecies.
- A. tepidus* (1920:68). Female **T**, Tucson, Ariz., = **H**. - *A. decorum* Say (Lth. 1966:629).
- Anchus puncticeps* (1920:2). Female **T**, Ontario, = **L**. - *Agonum puncticeps* Csy. (syn. *pusillum* Lec. nec Steph.; Lth. 1966:633).
- Anchomenus oblongipennis* (1920:31). Female **T**, Marquette, Mich., = **L**. - *Agonum decentis* Say (Lth. 1966:636).
- A. turbidus* (1920:32). Male **T**, 2 **P**, Bayfield, Wisc.; 1 **P**, Winnipeg. **T** = **L**. - *A. decentis* Say (Lth. 1966:636).
- A. iowanus* (1920:32). Female **T**, Iowa City, = **L**. - *A. decentis* Say (Lth. 1966:636).
- A. aleneanus* (1920:36). Female **T**, Coeur d'Alene, Idaho, = **L**. - *A. decentis* Say (Lth. 1966:636).
- A. pacatus* (1920:43). Female **T**, Peaceful Valley, Color., = **L**. - *A. decentis* Say (Lth. 1966:636).
- A. missourianus* (1924:81). Female **T**, Westminster, Missouri, = **L**. - *A. decentis* Say (Lth. 1966:636).
- A. albertanus* (1924:81). Female **T**, Edmonton, Alta., = **L**. - *A. decentis* Say (Lth. 1966:636).
- A. inquisitor* (1920:30). Female **T**, Marquette, Mich., = **L**. - *A. opaculum* Lec. (Lth. 1966:641).
- A. boopis* (1920:37). Male **T**, St. Meridan, Conn., = **L**. - *A. opaculum* Lec. (Lth. 1966:641).
- A. pennsylvanicus* (1920:40). Female **T**, 1 **P**, Penns. **T** = **L**. - *A. tenuicolle* Lec. (Lth. 1966:641).
- A. distinguendus* (1920:40). Male **T**, Ridgeway, Ont., = **L**. - *A. tenuicolle* Lec. (Lth. 1966:641).
- A. arachnoides* (1920:35). Male **T**, 6 **P**, Clackamas, Oreg.; 9 **P**, Calif. **T** = **L**. - *A. ovipenne* Mnh. (Lth. 1966:644).
- A. similatus* (1920:35). Male **T**, Hydesville, Eel R., Humboldt Co., Calif., = **L**. - *A. ovipenne* Mnh. (Lth. 1966:644).
- Platynidius ontariensis* (1920:8). Male **T**, female **P**, Ontario. **T** = **L**. - *Agonum hypolithos* Say (Lth. 1966:645).
- P. enormis* (1920:8). Female **T**, Black Mts., N.C., = **H**. - *A. angustatum* Dej. (Lth. 1966:646).
- P. aesopus* (1920:9). Female **T**, Adirondack Mts., N.Y., = **L**. - *A. angustatum* Dej. (Lth. 1966:646).
- P. rhombiceps* (1920:9). Male **T**, New Jersey, = **L**. - *A. angustatum* Dej. (Lth. 1966:646).
- P. cervicalis* (1920:10). Male **T**, Penns., = **L**. - *A. angustatum* Dej. (Lth. 1966:646).
- P. carolinensis* (1920:10). Female **T**, Black Mts., N.C., = **L**. - *A. angustatum* Dej. (Lth. 1966:646).
- Atranus pallescens* (1913:172). Male **T**, 1 **P**, Penns. **T** = **L**. - *A. pubescens* Dej. (Lth. 1966:648).
- Curtonotus catenulatus* (1918:230). Male **T**, Billings, Mont., = **L**. - *Amara carinata* Lec. (Lth. 1968:668).
- C. gilvipes* (1924:46). Male **T**, 2 **P**, Rosebank, Manit. **T** = **H**; the two "P" not valid (see Csy., 1924). - *A. carinata* Lec. (Lth. 1968:668).
- C. manitobensis* (1924:46). Female **T**, Rosebank, female **P**, Westbourne, Manit. **T** = **L**. - *A. lacustris* Lec. (Lth. 1968:669).

- C. labradorensis* (1918:231). Male T, 7 P, W. St. Modest, Labr. T=L. - *A. torrida* Panz. (Lth. 1955:95).
- C. scrutatus* (1918:231). Male T, male P, W. St. Modest, Labr. T=L. - *A. torrida* Panz. (Lth. 1955:95).
- C. albertanus* (1924:45). Male T, 4 P, Edmonton, Alta. T=L. - *A. torrida* Panz. (Lth. 1955:95).
- C. brevipennis* (1924:46). Female T, N.W. Terr., Canada, =H. - *A. torrida* Panz. (Lth. 1955:95).
- C. durus* (1924:47). Female T, Edmonton, Alta., =L. - *A. torrida* Panz. (Lth. 1955:95).
- C. biarcuatus* (1924:47). Female T, Edmonton, Alta., =L. - *A. torrida* Panz. (Lth. 1955:95).
- C. rubripennis* (1918:232). Male T, 10 P, Color. T=L. - *A. alpina* Payk. (Lth. 1955:97).
- C. deficiens* (1918:232). Female T, 1 P, Mt. Washington, N.H. T=L. - *A. alpina* Payk. (Lth. 1955:97).
- C. argutus* (1920:233). Male T, 4 P, New Hampsh. & Mt. Washington. T=L. - *A. alpina* Payk. (Lth. 1955:97).
- C. inanis* (1920:233). Female T, Mt. Washington, N.H., =H. - *A. alpina* Payk. (Lth. 1955:97).
- C. subtilis* (1924:45). Male T, "Stupart Bay", ? Labr., =H. - *A. alpina* Payk. (Lth. 1955:97).
- Bradytus gravidus* (1918:236). Female T, Douglas Co., Kansas, =L. - *Amara exarata* Dej. (Lth. 1968:680).
- B. curtus* (1918:236. nec *Amara curta* Dej. 1828). Female T, female P, Missouri, St. Louis, (acc. to description). T=L. - *A. exarata* Dej. (Lth. 1968:680).
- B. stygialis* (1918:237). Male T, Penns., =L. - *A. exarata* Dej. (Lth. 1968:280).
- B. humphreysi* (1918:240). Male T, 3 P, Humphrey's Peak, Ariz. T=L. - *A. latior* Kby. (Lth. 1968:682).
- B. deceptus* (1918:241). Female T, New Mex., =L. - *A. latior* Kby. (Lth. 1968:682).
- B. relictus* (1918:242). Female T, Denver, Color., =L. - *A. latior* Kby., dwarf specimen (Lth. 1968:682).
- B. nainensis* (1918:238). Male T, female P, Nain, Labr. T=L. - *A. glacialis* Mnh. (Lth. 1968:684).
- Percosia extensa* (1918:244). Female T, female P, Clackamas, Oreg. T=L. - *Amara obesa* Say, western form (Lth. 1968:690-91).
- P. latissima* (1918:245). Female T, Highland Park, Illin., =H. The male marked "L" (=Levette coll.) should not have been labeled "P" (see Csy. l.c.:245-46). - *A. obesa* Say, eastern form (Lth. 1968:690).
- P. ventricosa* (1918:245). Female T, Long Isl., N.Y., =L. - *A. obesa* Say, eastern form (Lth. 1968:690).
- P. sulcatula* (1920:199). Female T, Mesa, Boulder Co., Color., =L. - *A. obesa* Say, western form (Lth. 1968:690-91).
- Amara perspecta* (1918:294). Female T, San Clemente Isl., Calif., =L. - *A. californica* Dej. (Lth. 1968:693).
- A. pugetana* (1924:56). Male T, Wawawai, Wash., =L. - *A. californica* Dej. (Lth. 1968:693-94).
- Celia laticollis* (1918:258). Male T, Sheepshead Bay; 1 P, Rockaway Beach, L.I.; N.Y. T=L. - *Amara quenseli* Schnh. (Lth. 1968:694).

- C. brumalis* (1918:259). Male **T**, 18 **P**, Marquette, Mich. **T=L**. - *A. quenseli* Schnh. (Lth. 1968:694).
- C. defecta* (1918:260). Female **T**, 8 **P**, Jemez Springs, New Mex.; 2 **P**, Kansas. **T=L**. (2 ex. labeled "L", = Levette coll., should not have been made **P**.) - *A. quenseli* Schnh. (Lth. 1968:694).
- C. exposita* (1918:260). Female **T**, male **P**, Columbia R. Valley, Oreg. **T=L**. - *A. quenseli* Schnh. (Lth. 1968:694).
- C. mimica* (1918:260). Male **T**, 1 **P**, Rhode Isl. **T=H**. - *A. quenseli* Schnh. (Lth. 1968:694).
- C. fontinalis* (1918:261). Female **T**, Jemez Springs, New Mex., = **L**. - *A. quenseli* Schnh. (Lth. 1968:694).
- C. eldorensis* (1918:261). Female **T**, Eldora, Color., = **L**. - *A. quenseli* Schnh. (Lth. 1968:694).
- C. docilis* (1918:262). Male **T**, Color., = **L**. - *A. quenseli* Schnh. (Lth. 1968:694).
- C. brunnescens* (1918:262). Female **T**, "L" (= Levette coll., "probably Color."), = **H**. - *A. quenseli* Schnh. (Lth. 1968:694).
- C. definita* (1918:263). Female **T**, male **P**, Yreka, Calif.; 1 **P**, Siskiyou Co., Calif. **T=L**. - *A. quenseli* Schnh. (Lth. 1968:694).
- C. obligata* (1918:263). Female **T**, 3 **P**, Utah. **T=L**. - *A. quenseli* Schnh. (Lth. 1968:694).
- C. piperi* (1924:49). Female **T**, Grayling nr. Bay City, Mich., = **L**. - *A. quenseli* Schnh. (Lth. 1968:694).
- C. explanatula* (1924:54). Female **T**, Similkameen R., B.C., = **L**. - *A. quenseli* Schnh. (Lth. 1968:694).
- C. tahomae* (1924:55). Female **T**, Wawawai, Wash., = **L**. - *A. quenseli* Schnh. (Lth. 1968:694).
- C. washoeana* (1924:55). Male **T**, female **P**, Nevada. **T=L**. - *A. quenseli* Schnh. (Lth. 1968:694).
- C. cervicalis* (1924:56). Male **T**, N.W. Terr., Canada, = **L**. - *A. quenseli* Schnh. (Lth. 1968:694).
- C. obsolescens* (1918:242). Female **T**, Colorado Springs, Color., = **L**. - *A. discors* Kby. (Lth. 1968:697).
- C. paganica* (1918:259). Female **T**, Marquette, Mich., = **L**. (A second female, from Sask., is incorrectly marked "P".) - *A. discors* Kby. (Lth. 1955:103).
- C. nevadica* (1918:264). Male **T**, Reno, Nevada, = **L**. - *A. discors* Kby. (Lth. 1968:697).
- C. sphaerops* (1918:267). Male **T**, Wyandanch, L.I., N.Y., = **L**. - *A. discors* Kby. (Lth. 1968:697).
- C. merula* (1918:267). Female **T**, "L" (= Levette coll., "probably Color."), = **H**. - *A. discors* Kby. (Lth. 1968:697).
- C. lugubris* (1918:268). Male **T**, Reno, Nevada, = **L**. - *A. discors* Kby. (Lth. 1968:697).
- C. scolopax* (1918:269). Male **T**, Boulder Co.; 1 **P**, Eldora; Colorado. **T=L**. - *A. discors* Kby. (Lth. 1968:697).
- C. spaldingi* (1924:48). Male **T**, Callao, Utah, = **L**. - *A. discors* Kby. (Lth. 1968:697).
- C. parowana* (1924:57). Male **T**, The Mammoth, Parowan Mts., Utah, = **L**. - *A. discors* Kby. (Lth. 1968:697).
- C. pinorum* (1918:264). Female **T**, 1 **P**, S. Pines, N.C. **T=L**. - *A. chalcea* Dej. (Lth. 1968:700).

- C. sodalis* (1918:265). Female T, Staten Isl., N.Y., =L. - *A. chalcea* Dej. (Lth. 1968:700).
- C. corvina* (1918:266). Male T, 2 P, S. Pines, N.C. T=L. - *A. chalcea* Dej. (Lth. 1968:700).
- C. schotti* (1918:266). Male T, 1 P, Jamaica, L.I., N.Y. T=L. - *A. chalcea* Dej. (Lth. 1968:700).
- C. maneei* (1924:55). Female T, S. Pines, N.C., =L. - *A. chalcea* Dej. (Lth. 1968:700).
- C. sinuosa* (1918:277). Female T, Aldermere, B.C., =L. - *A. sinuosa* Csy. (syn. *subaenea* Lec.; Lth. 1968:701).
- C. elusa* (1918:277). Female T, no loc. ("probably Color."), =H. - *A. sinuosa* Csy. (Lth. 1968:701).
- C. nupta* (1918:278). Male T, Bluff Point, L. Champlain, N.Y., =L. - *A. sinuosa* Csy. (Lth. 1968:701).
- C. thoracica* (1918:278). Male T, Boulder, Color., =L. - *A. sinuosa* Csy. (Lth. 1968:701).
- C. hospes* (1918:279). Female T, Boulder, Color., =L. - *A. sinuosa* Csy. (Lth. 1968:701).
- C. idahoana* (1924:56). Male T, Moscow, Idaho, =H. - *A. idahoana* Csy. (Lth. 1968:703).
- C. lyncea* (1918:280). Female T, Sheepshead Bay, L.I., N.Y., =L. - *A. musculus* Say (Lth. 1968:707).
- C. nugator* (1918:281). Female T, male P, "L" (=Levette coll., "probably Indiana"); male P, New Jersey; the last-named P made L. - *A. musculus* Say (Lth. 1968:707).
- C. curticeps* (1918:281). Male T, Fort Monroe, Virginia, =L. - *A. musculus* Say (Lth. 1968:707).
- C. shoemakeri* (1918:283). Female T, 3 P, Long Isl., N.Y. T=L. - *A. musculus* Say (Lth. 1968:707).
- C. vegrandis* (1918:287). Female T, Wisc., =L. - *A. musculus* Say (Lth. 1968:708).
- C. fluminea* (1918:287). Male T, Vicksburg, Missis., =L. - *A. musculus* Say (Lth. 1968:708).
- C. crenulata* (1918:288). Male T, Duluth, Minnes., =H. - *A. musculus* Say (Lth. 1968:708).
- C. limbalis* (1918:289). Female T, S. Pines, N.C., =L. - *A. musculus* Say (Lth. 1968:708).
- C. paulula* (1918:289). Male T, Wading R., L.I., N.Y., =L. - *A. musculus* Say (Lth. 1968:708).
- C. scintilla* (1918:290). Male T, Fort Monroe, Virginia, =L. - *A. musculus* Say (Lth. 1968:708).
- C. brevitarsis* (1918:290). Male T, 2 P, S. Pines, N.C. T=L. - *A. musculus* Say (Lth. 1968:708).
- C. minnesotana* (1924:57). Female T, Duluth, Minnes., =H. - *A. musculus* Say. (Omitted in Lth. 1968.)
- Amara pallida* (1884a:5). Male, Willets Point, L.I., N.Y.; in coll. Lec. (MCZ; see Csy 1918:284, 291), designated as H. (male, Rock Bay, L.I., wrongly marked as "Neotype" in coll. Csy.) - *A. rubrica* Hald. (Lth. 1968:708, 710).
- A. ferruginea* (1884a:5). Male, Atlantic City, N.J., in coll. Lec. (MCZ; see Csy. 1918:291) designated as H. - *A. rubrica* Hald. (Lth. 1968:708, 710).
- Celia lucina* (1918:279). Female T, Delaware, =L. - *A. rubrica* Hald. (Lth. 1968:708).

- C. proditor* (1918:280). Female **T**, New Jersey, = **L**. - *A. rubrica* Hald. (Lth. 1968:708).
- C. liquida* (1918:282). Female **T**, male **P**, Long Isl., N.Y. **T** = **L**. - *A. rubrica* Hald. (Lth. 1968:708).
- C. politissima* (1918:284). Female **T**, Long Isl., N.Y., = **L**. - *A. rubrica* Hald. (Lth. 1968:709).
- C. lubrica* (1918:286). Female **T**, New Jersey, = **L**. - *A. rubrica* Hald. (Lth. 1968:709).
- C. nigripennis* (1918:286). Female **T**, Long Isl., N.Y., = **L**. - *A. rubrica* Hald. (Lth. 1968:709).
- C. piceonitens* (1924:58). Female **T**, S. Pines, N.C., = **L**. - *A. rubrica* Hald. (Lth. 1968:709).
- C. proba* (1918:274). Male **T**, 5 **P**, San Francisco & vic. **T** = **L**. - *A. aurata* Dej. (Lth. 1968:710).
- C. evanida* (1918:275). Male **T**, 2 **P**, Columbia R., Oreg. **T** = **L**. - *A. aurata* Dej. (Lth. 1968:710).
- C. govanensis* (1924:53). Female **T**, 4 **P**, Govan, Wash.; 1 **P**, Wilbur, Wash. **T** = **L**. - *A. aurata* Dej. (Lth. 1968:710).
- C. fragilis* (1924:53). Male **T**, 5 **P**, Govan, Wash.; 3 **P**, Wilbur, Wash.; 1 **P**, B. C. **T** = **L**. - *A. aurata* Dej. (Lth. 1968:710).
- C. formalis* (1918:248). Female **T**, Provo, Utah, = **L**. - *A. farcta* Lec. (Lth. 1968:712).
- C. subdepressa* (1918:249). Female **T**, 1 **P**, Reno, Nevada. **T** = **L**. - *A. farcta* Lec. (Lth. 1968:712).
- C. shastanica* (1918:251). Male **T**, Siskiyou Co., Calif., = **L**. (3 **P**, same loc., are *californica* Dej.) - *A. farcta* Lec. (Lth. 1968:712).
- C. solita* (1918:252). Male **T**, female **P**, Nebr. **T** = **L**. - *A. farcta* Lec. (Lth. 1968:712).
- C. vancouveri* (1924:50). Male **T**, Peachland, B.C.; 2 **P**, Govan and Pullman, Wash. **T** = **L**. - *A. farcta* Lec. (Lth. 1968:712).
- C. olympia* (1924:50). Male **T**, Wilbur, Wash., = **H**. - *A. farcta* Lec. (Lth. 1968:712).
- C. subsimilis* (1924:50). Male **T**, Govan; 1 **P**, Wawawai, Wash. **T** = **L**. - *A. farcta* Lec. (1968:713).
- C. marginatella* (1924:51). Female **T**, Monarch, Manit., = **H**. - *A. farcta* Lec. (Lth. 1968:713).
- C. parallela* (1924:51). Male **T**, Lethbridge, Alta., = **L**. - *A. farcta* Lec. (Lth. 1968:713).
- C. albertae* (1924:51). Female **T**, Lethbridge, Alta., = **H**. - *A. farcta* Lec. (Lth. 1968:713).
- C. funebris* (1924:52). Male **T**, Winnipeg, Manit., = **H**. - *A. farcta* Lec. (Lth. 1968:713).
- C. reducta* (1918:252). Male **T**, 2 **P**, Color. **T** = **L**. - *A. patruelis* Dej. (Lth. 1968:714).
- C. columbiana* (1924:52). Female **T**, B.C., = **H**. - *A. patruelis* Dej. (Lth. 1955:106).
- Amara aeneolucens* (1918:312). Female **T**, Duluth, Minnes.; 1 **P**, Marquette, Mich. **T** = **L**. - *A. laevipennis* Kby. (Lth. 1968:717).
- Celia ellipsis* (1918:252). Male **T**, Kansas; 1 **P**, Color. **T** = **L**. - *A. ellipsis* Csy. (Lth. 1968:718).
- C. winnipegensis* (1924:53). Male **T**, Winnipeg, Manit., = **H**. - *A. ellipsis* Csy. (Lth. 1968:718).

- Amara marquettensis* (1918:304). Female T, Marquette, Mich., = L. - *A. lunicollis* Schi. (Lth. 1955:109).
- A. carriana* (1924:65). Male T, Edmonton, Alta., = L. - *A. lunicollis* Schi. (Lth. 1955:109).
- A. aeneopolita* (1918:304). Male T, Marquette, Mich., = L. - *A. aeneopolita* Csy. (Lth. 1955:108; 1968:722).
- A. rustica* (1918:203). Female T, S. Pines, N.C., = L. - *A. coelebs* Hayw. (Lth. 1968:723).
- A. nebraskana* (1918:204). Male T, 3 P, Nebraska. T=L. - *A. coelebs* Hayw. (Lth. 1968:723).
- A. oblongula* (1918:305). Male T, Boulder, Color., = L. - *A. coelebs* Hayw. (Lth. 1968:723).
- A. leviceps* (1924:60). Male T, Govan; 1 P, Wilbur, Wash. T=L. - *A. coelebs* Hayw. (Lth. 1968:723).
- A. impedita* (1918:310). Male T, female P, Wyom. T=L. - *A. confusa* Lec. (Lth. 1968:726).
- A. ebenina* (1918:310). Female T, Boulder, Color., = L. - *A. confusa* Lec. (Lth. 1968:726).
- A. viridula* (1924:60). Male T, male P, Lethbridge, Alta. T=L. - *A. confusa* Lec. (Lth. 1968:726).
- A. oblongiformis* (1924:60). Male T, Govan, Wash., = H. - *A. confusa* Lec. (Lth. 1968:726).
- A. acomana* (1924:61). Male T, 1 P, Maxwell, New Mex. T=L. - *A. confusa* Lec. (Lth. 1968:726).
- A. subarctica* (1924:64). Male T, Boucher, Sask., = L. - *A. confusa* Lec. (Lth. 1968:726).
- Celia semota* (1918:251). Female T, Bull Run, Clackamas Co., Oreg., = L. - *Amara conflata* Lec. (Lth. 1968:726).
- Amara diffidens* (1918:306). Female T, 3 P, San Francisco & vic. T=L. - *A. conflata* Lec. (Lth. 1968:726).
- A. leydeni* (1918:306). Male T, 2 P, Coeur d'Alene, Idaho. T=L. - *A. conflata* Lec. (Lth. 1968:727).
- A. arcuata* (1918:296). Female T, Long Isl., N.Y., = L. - *A. impuncticollis* Say (Lth. 1968:728).
- A. otiosa* (1918:300). Male T, Duluth, Minnes., = L. - *A. impuncticollis* Say (Lth. 1968:728).
- A. wadei* (1924:63). Female T, 1 P, Hagerstown, Md. T=L. - *A. impuncticollis* Say (Lth. 1968:728).
- A. mystica* (1918:298). Female T, San Francisco & vic., male P, Los Angeles. T=L. - *A. littoralis* Mnh. (Lth. 1968:730).
- A. hesperia* (1918:298). Female T, San Francisco & vic.; 25 P, from several western States. T=L. - *A. littoralis* Mnh. (Lth. 1968:730).
- A. keeni* (1918:299). Male T, female P, Inverness, B.C. T=L. - *A. littoralis* Mnh. (Lth. 1968:730).
- A. lacustrina* (1918:299). Male T, 3 P, Bayfield, Wisc.; 2 P, Marquette, Mich. T=L. - *A. littoralis* Mnh. (Lth. 1968:730).
- A. laurana* (1918:300). Male T, Boulder, Color., = L. - *A. littoralis* Mnh. (Lth. 1968:730).
- A. turbata* (1918:307). Male T, Akron, Color., = L. - *A. littoralis* Mnh., without elytral pore-puncture (Lth. 1968:730).
- A. oodiformis* (1924:58). Male T, Ibo, Idaho, = H. - *A. littoralis* Mnh. (Lth. 1968:780).

- A. convergens* (1924:59). Male **T**, Peachland, B.C., = **L**. - *A. littoralis* Mnh. (Lth. 1968:730).
- A. pullmani* (1924:61). Male **T**, Pullman, Wash., = **L**. - *A. littoralis* Mnh. (Lth. 1968:730).
- A. microcephala* (1924:62). Male **T**, 2 **P**, S. Pines, N.C. **T** = **L**. - *A. littoralis* Mnh. (Lth. 1968:730).
- A. recticollis* (1924:62). Male **T**, S. Pines, N.C., = **H**. - *A. littoralis* Mnh. (Lth. 1968:730).
- A. humilis* (1918:302). Male **T**, 2 **P**, Boston Neck, R.I.; 2 **P**, Long Isl., N.Y. **T** = **L**. - *A. familiaris* Dft. (Darlington, 1936).
- A. devincta* (1918:307). Male **T**, Connecticut (illegible loc.), = **H**. - *A. aenea* DeG. (Darlington, 1936).
- A. tenax* (1918:302). Male **T**, 2 **P**, Color. Since **T** does not fit the description (probably = *lunicollis* Schi.), 1st **P**, female, = **L**. - *A. cupreolata* Putz. (Lth. 1968:733).
- A. enervis* (1918:306). Male **T**, Penns., = **L**. - *A. cupreolata* Putz. (Lth. 1968:733).
- A. neoscotica* (1924:59). Male **T**, Halifax, N.S., = **L**. - *A. cupreolata* Putz. (Lth. 1968:733).
- A. inflaticollis* (1924:63). Male **T**, Aweme, Manit., = **L**. - *A. cupreolata* Putz. (Lth. 1968:733).
- A. wingatei* (1918:308). Male **T**, Fort Wingate, New Mex., = **L**. - *A. convexa* Lec. (Lth. 1968:734).
- A. oviformis* (1918:308). Female **T**, 3 **P**, Boulder, Color. **T** = **L**. - *A. convexa* Lec. (Lth. 1968:734).
- A. piceola* (1918:309). Male **T**, Las Vegas, New Mex., = **H**. - *A. convexa* Lec. (Lth. 1968:734).
- Celia frugalis* (1924:54). Male **T**, Manit. (illegible loc.), = **L**. - *A. convexa* Lec. (Lth. 1968:734-35).
- Amara cockerelli* (1924:64). Female **T**, Jimtown, Color., = **L**. - *A. convexa* Lec. (Lth. 1968:734).
- A. breviformis* (1924:65). Male **T**, Boulder, Color., = **H**. - *A. convexa* Lec. (Lth. 1968:734).
- A. marylandica* (1884a:4). Male, Potomac R., Maryl., in coll. Lec. (MCZ), designated as **H**. - *A. basillaris* Say (Lth. 1968:735).
- Triaena flebilis* (1918:316). Female **T**, Marquette, Mich., = **L**. - *A. angustata* Say (Lth. 1968:736).
- T. shermani* (1918:315). Female **T**, Marquette, Mich., = **L**. - *A. pallipes* Kby. (Lth. 1968:737).
- T. lawrenceana* (1924:66). Male **T**, Ogdensburg, N.Y., = **H**. - *A. pallipes* Kby. (Lth. 1968:737).
- T. parallela* (1924:67). Male **T**, L. Champlain, N.Y., = **L**. - *A. pallipes* Kby. (Lth. 1968:737).
- Amara provoana* (1918:300). Female **T**, Provo, Utah, = **L**. - *A. scitula* Zimm. (Lth. 1968:739).
- Triaena uinta* (1918:317). Male **T**, 1 **P**, Provo, Utah. **T** = **L**. - *A. scitula* Zimm. (Lth. 1968:739).
- T. vapida* (1918:317). Female **T**, Provo, Utah, = **L**. - *A. scitula* Zimm. (Lth. 1968:739).
- Amara obliqua* (1924:63). Male **T**, Victoria, B.C., = **H**. - *A. scitula* Zimm. (Lth. 1968:739).

- Triaena irregularis* (1924:66). Male T, "V.I." (= Vanc. Isl.; not Wash., as given in the description), = H. - *A. scitula* Zimm. (Lth. 1968:739).
- T. profuga* (1918:318). Female T, Ariz., = L. - *A. longula* Lec. (Lth. 1968:740).
- Cratacanthus bisectus* (1884a:75). Male T, Penns., = L. - *C. dubius* Beauv. (Csy. 1914:58).
- C. litoreus* (1884a:74). Female T, New Jersey, = L. - *C. dubius* Beauv. (Csy. 1914:58).
- Piosoma brevipennis* (1914:54). T (sex ?), no loc., = H. - *P. setosum* Lec. (Lth. 1968:745).
- Nothopus valens* (1914:55). T (sex ?), 5 P, Keokuk, Iowa; 1 P, Duluth, Minnes. T=L. - *Euryderus grossus* Say (Ball 1960b).
- N. obtusus* (1914:56). T (sex ?), 2 P, Color. T=L. - *E. grossus* Say (Ball 1960b).
- N. privatus* (1914:56). T (sex ?), El Paso, Texas, = L. - *E. grossus* Say (described as subspecies of *zabroides* Lec., = *grossus* Say) (Ball 1960b).
- N. arizonicus* (1914:56). T (sex ?), 2 P, Arizona. T=L. - *E. grossus* Say (Ball 1960b).
- Harpalus mormonicus* (1914:86). Male T, 2 P, Utah. T=L. - *H. pennsylvanicus* DeG. (Lth. 1968:760), of which it was described as a subspecies.
- H. immixtus* (1924:97). Male T, Adirondack Mts., N.Y., = L. - *H. pennsylvanicus* DeG. (Lth. 1968:760).
- H. haldemani* (1914:79). Male T, Penns.; male P, Long Isl., N.Y. T=L. - *H. longicollis* Lec. (Lth. 1968:762).
- H. dolosus* (1914:84). Female T, Boston Neck, R.I.; 2 P, Champlain, N.Y. T=L. - *H. (?) longicollis* Lec. (Lth. 1968:762; by Ball & Anderson, 1962, interpreted as hybrids, *erythropus* × *bicolor*).
- H. latescans* (1924:97). Male T, Penns., = L. - *H. longicollis* Lec. (Lth. 1968:762).
- H. nactus* (1914:82). Female T, female P, Ariz. T=L. - *H. bicolor* F. (Lth. 1968:763).
- H. feroculus* (1924:98). Female T, Boston Neck, R.I., = H. - *H. bicolor* F. (Lth. 1968:763).
- H. admissus* (1924:99). Male T, 1 P, Duluth, Minnes.; 1 P, Champlain, N.Y. T=L. - *H. bicolor* F. (Lth. 1968:763).
- H. excubans* (1924:99). Male T, Watch Hill, R.I., = L. - *H. (?) bicolor* F. (Lth. 1968:763; by Ball & Anderson 1962, interpreted as a hybrid, *erythropus* × *bicolor*).
- H. paratus* (1924:100). Male T, Akron, Color.; 5 P, Color. T=L. - *H. paratus* Csy. (Ball & Anderson 1962).
- H. rufopiceus* (1914:80). Female T, 2 P, Missouri. T=L. - *H. erythropus* Dej. (Lth. 1968:764).
- H. deludens* (1914:80). Female T, Keokuk, Iowa, = L. - *H. erythropus* Dej. (Lth. 1968:764).
- H. effetus* (1914:81). Male T, Long Isl., N.Y., = H. - *H. erythropus* Dej. (Lth. 1968:764).
- H. fenisex* (1914:81). Male T, St. Louis, Missouri, = H. - *H. erythropus* Dej. (Lth. 1968:764).
- H. cupiens* (1924:98). Female T, Highland Park, Illin., = H. - *H. erythropus* Dej. (Lth. 1968:764).
- H. abstrusus* (1914:81). Male T, Boston Neck, R.I., = L. - *H. (?) erythropus*

Dej. (Lth. 1968:764; by Ball & Anderson 1962, interpreted as a hybrid, *erythropus* × *bicolor*).

H. dux (1924:94). Female T, S Illin., = L. - *H. caliginosus* F. (Lth. 1968:765), of which it was described as a subspecies.

H. caudalis (1914:73). Male T, St. Louis, Missouri; 4 P, Nebraska, &c. T=L. - *H. erraticus* Say (Lth. 1968:766).

H. convictor (1884a:12). Male T (with "Type" in Csy.'s hand), Long Isl., N.Y., = H. - *H. aeneus* F. (*affinis* Schrank) (Csy. 1914:75; see, however, 1924:94; Lth. 1968:768).

H. canonicus (1884a:12). Male T (with "Type" in Csy.'s hand), Rhode Isl., = H. - *H. aeneus* F. (*affinis* Schrank) (Csy. 1914:75; Lth. 1968:768).

H. lustralis (1884a:12). Female T (with "Type" in Csy.'s hand), N.Y., = H. - *H. aeneus* F. (*affinis* Schrank) (Csy. 1914:75; Lth. 1968:768).

H. aenescens (1884a:12). Male T (with "Type" in Csy.'s hand), Rhode Isl., = H. (No P specimens.) - *H. aeneus* F. (*affinis* Schrank) (Csy. 1914:75; Lth. 1968:768).

H. transversus (1914:77). Female T, nr. Santa Fé, New Mex., = L. - *H. amputatus* Say (Lth. 1968:769).

H. papagonalis (1914:77). Female T, Ariz., = H. - *H. amputatus* Say (Lth. 1968:769).

H. bracatus (1924:95). Female T, Miner's Peak, Utah, = L. - *H. amputatus* Say (Lth. 1968:769).

H. ancillaris (1924:95). Male T, 1 P, Columbia R., Oreg. T=L. - *H. amputatus* Say (Lth. 1968:769).

H. cupreolatus (1924:96). Male T, Pullman, Wash., = L. - *H. amputatus* Say (Lth. 1968:769).

H. cuculus (1924:96). Male T, Las Vegas, New Mex., = H. - *H. amputatus* Say (Lth. 1968:769).

H. nimius (1924:100). Male T, Columbia R., Oreg., = H. - *H. fraternus* Lec. (Lth. 1968:771), of which it was described as a subspecies.

H. praestans (1924:101). Female T, Provo Cañon, Utah, = L. - *H. fraternus* Lec. (Lth. 1968:771).

Euharpalops wadei (1924:116). Male T, female P, Moro, Oreg. T=L. - *H. fraternus* Lec. (Lth. 1968:771).

Harpalus lecontei (1914:117). The name replaces *oblitus* Lec. nec Dej., and the type specimen, from Santa Fé, New Mex., is in coll. Lec. (MCZ).

H. aesopus (1914:117). Female T, 4 P, Plattsburg, N.Y. T=L. - *H. lewisi* Lec. (Csy. 1924:101).

H. solutus (1914:90). Female T, New Hampsh., = L. - *H. laticeps* Lec. (Lth. 1968:774).

H. animosus (1924:101). Female T, Miner's Peak, Utah, = L. - *H. animosus* Csy. (syn. *montanus* Lec.) (Lth. 1968:774).

H. providens (1914:90). Female T, New Jersey, = L. - *H. viduus* Lec. (Lth. 1968:775).

H. egregius (1914:88). The name replaces *alienus* Lec. nec Bates and the type specimen, from Veta Pass, Color., is in coll. Lec. (MCZ). (See Lth. 1968:776-77).

H. instructus (1924:107). Male T, 2 P, Edmonton, Alta. T=L. - *H. egregius* Csy. (Lth. 1968:776-77).

H. reversus (1924:103). Female T, 6 P, Marquette, Mich. T=L. - *H. funerarius* Cki. (Lth. 1968:779).

- H. electus* (1924:115). Female T, Edmonton, Alta., = H. - *H. ventralis* Lec. (Lth. 1968:781).
- H. indigens* (1924:114). Male T, Monmouth, Maine, = H. - *H. indigens* Csy.
- H. beatulus* (1924:114). Male T, Marquette, Mich., = H. - *H. indigens* Csy. (Lth. 1968:782).
- Opadius piperi* (1924:93). Female T, Grayling, Mich., = L. - *H. indigens* Csy. (Lth. 1968:782).
- Harpalus intactus* (1914:97; nec 1924:112). Female T, Calif., = H. - *H. intactus* Csy. (Lth. 1968:788).
- H. uintanus* (1924:106). Male T, Cedar City, Utah, = L. - *H. intactus* Csy. (Lth. 1968:788).
- H. contactus* (1924:106). Male T, Cedar City, Utah, = L. - *H. somnulentus* Dej. (Lth. 1968:789).
- H. blanditus* (1924:108). Male T, 2 P, Terrace, B.C. T = L. - *H. somnulentus* Dej. (Lth. 1968:789).
- H. celox* (1914:107, "celax"; spelling corrected 1914:383, and 1918:414). Male T, male P, Clackamas, Oreg. T = L. - *H. celox* Csy. (Lth. 1968:790).
- H. uteanus* (1914:118). Male T, 3 P, Provo, Utah. T = L. - *H. uteanus* Csy. (Lth. 1968:791-92).
- H. oppositus* (1914:125). Male T, Siskiyou Co., Calif., = L. - *H. uteanus* Csy. (Lth. 1968:791-92).
- H. placidus* (1884a:10). Male T (with "Type" in Csy.'s hand), New Jersey (lapsus calami ?; Long Isl., N.Y., acc. to description), = H. - *H. pleuriticus* Kby. (Lth. 1955:139).
- H. aequabilis* (1914:100). Female T, Buena Vista, Color., = L. - *H. pleuriticus* Kby. (Lth. 1955:139).
- H. lascivus* (1914:100). Male T, B.C., = L. - *H. pleuriticus* Kby. (Lth. 1955:139).
- H. pumilio* (1914:100). Female T, Bayfield, Wisc., = L. - *H. pleuriticus* Kby. (Lth. 1955:139).
- H. perspicuus* (1914:101). Male T, Boulder, Color., = L. - *H. pleuriticus* Kby. (Lth. 1955:139).
- H. lividulus* (1914:101). Male T, Bayfield, Wisc., = L. - *H. pleuriticus* Kby. (Lth. 1955:139).
- H. nivalis* (1924:109). Male T, Redvers, Sask., = H. - *H. pleuriticus* Kby. (Lth. 1955:139).
- H. recisus* (1914:93). Male T, New Jersey, = L. - *H. fallax* Lec. (Lth. 1968:794).
- H. amicus* (1924:102). Male T, L. George, N.Y., = L. - *H. fallax* Lec. (Lth. 1968:794).
- H. asensus* (1924:107). Male T, Boulder, Color., = H. - *H. herbivagus* Say (Lth. 1968:794).
- H. recens* (1914:99). Male T, 3 P, W. St. Modest, Labr.; 1 P, Mich. T = L. - *H. nigratarsis* C. R. Sahlb. (Lth. 1955:141).
- H. seclusus* (1914:106). Male T, 5 P, Color. T = L. - *H. seclusus* Csy. (Lth. 1968:797).
- H. parowanus* (1924:105). Male T, Mammoth, Parowan Mts., Utah, = L. - *H. seclusus* Csy. (Lth. 1968:797).
- H. opicus* (1914:106). Female T, Placer Co., Calif., = L. - *H. fuliginosus* Dft. (Lth. 1968:798).
- H. persolus* (1914:96). Female T, Oreg., = L. - *H. innocuus* Lec. (Lth. 1968:800).

- H. fugitans* (1914:98). Male T, Frazier Valley, B.C., = L. - *H. innocuus* Lec. (Lth. 1968:800).
- H. intactus* (1924:112, nec 1914). Male T, Marquette, Mich., = H. - *H. innocuus* Lec. (Lth. 1968:800).
- H. crenatellus* (1914:94). Male T, Calif., = H. - *H. cautus* Dej. (Lth. 1968:802).
- H. oregonensis* (1914:94). Male T, 1 P, Oreg. T = L. - *H. cautus* Dej. (Lth. 1968:802).
- H. columbianus* (1924:104). Male T, Goldstream, B.C., = L. - *H. cautus* Dej. (Lth. 1968:802).
- H. obnixus* (1924:105). Male T, 2 P, Provo Cañon, Utah. T = L. - *H. obnixus* Csy. (Lth. 1968:803).
- H. lacustris* (1914:111). Male T, 4 P, Bayfield, Wisc. T = L. - *H. opacipennis* Hald. (Lth. 1968:805).
- H. leviceps* (1924:112). Female T, 4 P, Marquette, Mich. T = L. - *H. opacipennis* Hald. (Lth. 1968:805-06).
- H. plenalis* (1914:108). Female T, New Brunsw., = L. - *H. plenalis* Csy. (Lth. 1955:142-43; 1968:807).
- H. latebricola* (1914:109). Female T, Las Vegas, New Mex., = L. - *H. plenalis* Csy. (Lth. 1968:807).
- H. modulatus* (1924:112). Female T, Fort Coulonge, Queb., = H. - *H. plenalis* Csy. (Lth. 1955:142).
- H. lustrans* (1884b:64). The name replaces *lucidus* Lec. nec Morawitz, and the type specimen, from "Nebraska" (s.l.) is in coll. Lec. (MCZ). - *H. desertus* Lec. (Lth. 1968:810).
- H. vacivus* (1914:123). Male T, Jemez Springs, New Mex., = L. - *H. desertus* Lec. (Lth. 1968:810).
- H. dulciculus* (1924:109). Male T, 3 P, Akron, Color. T = L. - *H. desertus* Lec. (Lth. 1968:810).
- H. captiosus* (1924:110). Female T, Akron, Color., = H. - *H. desertus* Lec. (Lth. 1968:810).
- H. metuens* (1924:110). Female T, Ariz.; 2 P, Kansas. T = L. - *H. desertus* Lec. (Lth. 1968:810).
- Episcopellus nitescens* (1914:236). Female T, Distr. of Col., = L. - *E. autumnalis* Say (Lth. 1968:813).
- Harpalus oblongus* (1914:126). Female T, Utah, = L. - *Harpalellus basilaris* Kby. (Lth. 1968:816).
- H. sejunctus* (1914:126). Male T, Eldora, Color., = L. - *H. basilaris* Kby. (Lth. 1968:816).
- H. renoicus* (1914:127). Male T, 9 P, Reno, Nevada. T = L. - *H. basilaris* Kby. (Lth. 1968:816).
- H. furviculus* (1924:110). Male T, 2 P, Wawawai; 1 P, Govan; Wash. T = L. - *H. basilaris* Kby. (Lth. 1968:816).
- H. stocktonensis* (1924:111). Female T, Stockton, Utah, = H. - *H. basilaris* Kby. (Lth. 1968:816).
- H. ventricosus* (1924:111). Female T, Spences Bridge, B.C., = H. - *H. basilaris* Kby. (Lth. 1968:816).
- H. durescans* (1924:111). Female T, Fort Coulonge, Queb., = L. - *H. basilaris* Kby. (Lth. 1968:816).
- H. subenormis* (1924:113). Female T, Callao, Utah, = L. - *H. basilaris* Kby. (Lth. 1968:816).

Pteropalus fluvialis (1914:133). Female T, Missouri, = L. - *Trichotichnus dichrous* Dej. (Lth. 1968:819).

P. versutulus (1924:116). Male T, female P, S. Pines, N.C. T=L. - *T. dichrous* Dej. (Lth. 1968:819).

Hemisopalus depressulus (1914:137). Male T, L. Worth, Flor., = L. - *Selenophorus depressulus* Csy. (Lth. 1968:823).

Selenophorus mustus (1914:152). Female T, Biscayne Bay, Flor., = L. - *S. mustus* Csy. (Lth. 1968:823).

Celia morphus opaculus (1914:143). Male T, 4 P, New Jersey. T=L. - *Selenophorus ellipticus* Dej. (Lth. 1968:829).

C. currens (1914:143). Male T, Catskill Mts., N.Y., = L. - *S. ellipticus* Dej. (Lth. 1968:829).

Discoderus hesperus (1914:163). Female T, 4 P, Boulder, Color.; additional P's from Kansas and Texas. T=L. - *D. parallelus* Hald. (Lth. 1968:831).

D. parvuliceps (1924:121). Male T, Wray, Color., = L. - *D. parallelus* Hald. (Lth. 1968:831).

D. gener (1924:121). Male T, female P, Wawawai, Wash. T=L. - *D. parallelus* Hald. (Lth. 1968:831).

Geopinus fluviaticus (1914:52). Female T, 4 P, Keokuk, Iowa. T=L. - *G. incrassatus* Dej. (Lth. 1968:832), of which it was described as a subspecies.

In *Anisodactylus*, and related genera, I have designated Holo- and Lectotypes only of species, which had not already been so treated by G. R. Noonan.

Anadaptus uteanus (1924:136). Female T, Stockton, Utah, = L. - *Anisodactylus sanctaegrucis* F. (Lth. 1968:839).

A. parvulus (1914:204). Male T, Calif., = L. - *A. nivalis* Horn (Lth. 1968:841).

Triplectrus oblongus (1924:128). Female T, Nisbet, Penns., = H. - *Anisodactylus rusticus* Say (Lth. 1968:843).

T. peropacus (1914:176). Male T, 3 P, Galveston, Tex. T=L. - *A. haplomus* Chd. (Lth. 1968:845).

T. breviceps (1924:129). Female T, Mobile, Alab., = L. - *A. haplomus* Chd. (Lth. 1968:845).

T. marginatus (1924:126). Male T, Grayling, Mich., = L. - *A. merula* Germ. (Lth. 1968:845).

T. wolcotti (1924:127). Female T, 1 P, nr. Chicago, Illin. T=L. - *A. merula* Germ. (Lth. 1968:845).

T. kempfi (1924:130). Female T, L. George, N.Y., = L. - *A. merula* Germ. (Lth. 1968:845).

T. ovularis (1914:177). Male T, Missouri; female P, Salina, Kans. T=L. - *A. ovularis* Csy. (Lth. 1968:846-47).

T. semirubidus (1924:127). Female T, Highland Park, Illin., = L. - *A. ovularis* Csy. (Lth. 1968:846-47).

T. modicus (1914:178). Female T, 2 P, Houston, Tex. T=L. - *A. dulcicollis* Laf. (Lth. 1968:847).

T. brevior (1924:126). Female T, Penns., = L. - *A. carbonarius* Say (Lth. 1968:848).

Anisodactylus lacertosus (1924:123). Female T, "L" (=Levette coll.; "probably Indiana"), = H. - *A. harrisi* Lec. (Lth. 1968:850).

A. obsolescens (1914:188). Female T, San Francisco & vic., = L. - *A. californicus* Dej. (Lth. 1968:854-55).

- A. angustus* (1914:188). Male **T**, San Diego, Calif., = **L**. - *A. californicus* Dej. (Lth. 1968:854-55).
- A. oregonus* (1914:189). Male **T**, Clackamas Co., Oregon, 5 **P**, Oregon (several loc.:s). **T** = **L**. - *A. californicus* Dej. (Lth. 1968:854-55).
- A. sinuatus* (1914:190). Female **T**, Oreg., = **L**. - *A. californicus* Dej. (Lth. 1968:854-55).
- A. paganicus* (1914:190). Male **T**, 5 **P**, Provo, Utah. **T** = **L**. - *A. californicus* Dej. (Lth. 1968:854-55).
- A. humeralis* (1914:190). Female **T**, Reno, Nev., = **H**. - *A. californicus* Dej. (Lth. 1968:854-55).
- A. aleneanus* (1924:124). Male **T**, Coeur d'Alene, Idaho, = **L**. - *A. californicus* Dej. (Lth. 1968:854-55).
- A. comes* (1924:124). Female **T**, female **P**, Humboldt Co., Calif. **T** = **L**. - *A. californicus* Dej. (Lth. 1968:854-55).
- A. maestus* (1924:124). Female **T**, Santa Cruz, Calif., = **L**. - *A. californicus* Dej. (Lth. 1968:854-55).
- A. incisus* (1914:185). Male **T**, Hoopa Valley, Humboldt Co., Calif., = **L**. - *A. similis* Lec. (Lth. 1968:855).
- A. solidus* (1914:186). Male **T**, nr. San Francisco; 10 **P**, Calif. **T** = **L**. - *A. similis* Lec. (Lth. 1968:855).
- Harpalus gemmeus* (1914:108, 114). Female **T**, Urbana, Illin., = **L**. - *Anisodactylus laetus* Dej. (Omitted in Lth. 1968.)
- Amphasia mollis* (1924:131). Female **T**, Highland Park, Illin., = **H**. - *Anisodactylus interstitialis* Say (Lth. 1968:860).
- Harpalus manhattanis* (1884a:9). Male **T**, Staten Isl., N.Y., = **H**. - *Anisodactylus lugubris* Dej. (Lth. 1968:864).
- Anisodactylus tioganus* (1924:123). Male **T**, Tioga, Penns., = **L**. - *A. lugubris* Dej. (Lth. 1968:864).
- Anisotarsus angusticollis* (1924:137). Male **T**, 1 **P**, Missouri. **T** = **L**. - *A. terminatus* Say (Lth. 1968:867).
- A. fuscipennis* (1924:137). Male **T**, Bayfield, Wisc.; 3 **P**, Marquette, Mich. **T** = **L**. - *A. terminatus* Say (Lth. 1968:867).
- Harpalus conspectus* (1924:103). Female **T**, Mt. Royal, Queb., = **L**. - *Anisotarsus nitidipennis* Lec. (Lth. 1968:869-70).
- Dicheirus alutaceus* (1914:200). Female **T**, Humboldt Co., Calif., = **L**. - *D. piceus* Mén. (Noonan 1968; Lth. 1968:872).
- D. gracilis* (1924:134). Female **T**, Govan, Wash., = **H**. - *D. brunneus* Dej. (Noonan 1968; Lth. 1968:872).
- Trichocellus boreellus* (1914:229). Male **T**, Queen Charl. Isl., B.C., = **L**. - *T. cognatus* Gyll. (Lth. 1968:875).
- T. lateralis* (1914:230). Female **T**, Fort Wingate, New Mex., = **L**. - *T. cognatus* Gyll. (Lth. 1968:875).
- T. monticola* (1914:230). Female **T**, 1 **P**, Truckee, Calif. **T** = **L**. - *T. cognatus* Gyll. (Lth. 1968:875).
- T. punctipennis* (1914:230). Female **T**, Reno, Nevada, = **L**. - *T. cognatus* Gyll. (Lth. 1968:875).
- Stenocellus lustrellus* (1914:251). Female **T**, male **P**, Humboldt Co., Calif. **T** = **L**. - *Bradycellus lustrellus* Csy. (Lth. 1968:881).
- S. antennalis* (1914:245). Male **T**, Catskill Mts., N.Y., = **L**. - *B. rupestris* Say (Lth. 1968:886).
- S. nubicollis* (1914:253). Male **T**, San Francisco & vic.; 11 **P**, Calif. (different loc.:s). **T** = **L**. - *B. nubifer* Lec. (Lth. 1968:887).

- S. alutaceus* (1914:250). Female **T**, 7 **P**, Siskiyou Co., Calif. **T=L**. - *B. congener* Lec. (Lth. 1968:888).
- S. occultus* (1914:246). **T** (sex ?), Bluff Point, L. Champlain, N.Y.; 4 **P**, N.Y., Indiana, &c. **T=L**. - *B. nigriceps* Lec. (Lth. 1968:889).
- S. insulsus* (1914:246). Male **T**, N.Y. City, =**L**. - *B. insulsus* Csy. (Lth. 1968:891).
- Triliarthrus properus* (1914:240). Male **T**, West Point, N.Y., =**L**. - *B. badipennis* Hald. (Lth. 1968:898).
- Stenolophus curticolis* (1924:146). Female **T**, Somerset, Md., =**L**. - *B. badipennis* Hald. (Lth. 1968:898).
- Triliarthrus protractus* (1914:239). Male **T**, Mass., =**L**. - *B. lugubris* Lec. (Lth. 1968:901).
- T. tetricus* (1914:241). Female **T**, 2 **P**, Hoopa Valley, Humboldt Co., Calif. **T=L**. - *B. conformis* Fall (Lth. 1968:903).
- Stenolophus longitarsis* (1914:277). Male **T**, female **P**, Oregon. **T=L**. - *S. limbalis* Lec. (Lth. 1968:908).
- S. fidelis* (1914:275). Male **T**, 1 **P**, Reno, Nev.; 6 **P**, Calif.; 1 **P**, Victoria, B.C. **T=L**. - *S. anceps* Lec. (Lth. 1968:910).
- S. incultus* (1914:275). Female **T**, 6 **P**, Truckee, Calif. **T=L**. - *S. incultus* Csy. (Lth. 1968:911).
- S. consors* (1914:276). Male **T**, Gualala, Mendocino Co., Calif., =**L**. - *S. incultus* Csy. (Lth. 1968:911).
- S. debiliceps* (1914:276). Female **T**, L. Tahoe, Calif., =**H**. - *S. incultus* Csy. (Lth. 1968:911).
- S. testaceicollis* (1924:145). Female **T**, Boston Neck, R.I., =**H**. - *S. ochropezus* Say (Lth. 1968:912).
- S. floridanus* (1924:145). Male **T**, Florida, =**L**. - *S. ochropezus* Say (Lth. 1968:912).
- S. rivularis* (1924:145). Female **T** (male, acc. to Csy.), Missouri, =**H**. - *S. plebejus* Dej. (Lth. 1968:913).
- Agonoderus gracilitarsis* (1914:296). Male **T**, 1 **P**, "L" (=Levette coll. "probably Indiana"); 1 **P** (sex male ?), New York. This second **P=L**. - *Stenolophus comma* F. (Lth. 1968:918).
- A. obliquulus* (1914:297). Female **T**, 3 **P**, Provo, Utah; 6 **P**, New Mex. **T=L**. - *S. comma* F. (Lth. 1968:918).
- A. plagiatus* (1914:294). Female **T**, Wisc., =**L**. - *S. lecontei* Chd. (Lth. 1968:919-20).
- Stenolophus captiosus* (1914:281). **T** (sex ?), 3 **P**, Boulder, Color. **T=L**. - *S. conjunctus* Say (Lth. 1968:921).
- S. moquinus* (1914:282). Female **T**, 2 **P**, Ariz. **T=L**. - *S. conjunctus* Say (Lth. 1968:921).
- S. thoracicus* (1914:282). The "Type" is missing; 4 **P**, Missouri; 3 **P**, Iowa. Ex. no. 6, Missouri, selected as **L**. - *S. conjunctus* Say (Lth. 1968:921).
- S. scitulus* (1914:283). Male **T**, 1 **P**, Penns. **T=L**. - *S. rotundicollis* Hald. (Lth. 1968:922).
- S. incitatus* (1914:283). Male **T**, "New Jersey ?", =**H**. - *S. rotundicollis* Hald. (Lth. 1968:922). Described as subspecies of *scitulus* Csy.
- Acupalpus expertus* (1914:267). Female **T**, 1 **P**, Boston Neck, R.I. **T=L**. - *A. carus* Lec., var. (Lth. 1968:930).
- A. trivialis* (1914:268). Female **T**, 5 **P**, L. Champlain, N.Y. **T=L**. - *A. carus* Lec. (Lth. 1968:930).

A. subrectus (1924:143). T (sex ?), 2 P, Illin. T=L. - *A. carus* Lec. (Lth. 1968:930).

A. curtipennis (1924:144). Female T, Illin., =H. - *A. carus* Lec. (Lth. 1968:930).

A. nanellus (1914:268). T (sex ?), 1 P, Boston Neck, R.I. T=L. - *A. nanellus* Csy. (Lth. 1968:932).

A. canadensis (1924:144). T (sex ?), Mt. Royal, Queb., =H. - *A. canadensis* Csy.

Tachistodes obscurus (1924:147). T (sex ?), nr. N.Y. City, =L. - *Acupalpus indistinctus* Dej. (Lth. 1968:935).

T. lyratus (1924:147). T (sex ?), Kansas, =L. - *A. partarius* Say (Lth. 1968:937).

T. convergens (1924:148). T (sex ?), Rockaway Beach, Long Isl., N.Y., =L. - *A. partarius* Say (Lth. 1968:937).

T. fusciceps (1914:288). Female T, New Jersey, =L. - *A. testaceus* Dej. (Lth. 1968:938).

All Types in tribe *Licinini* will be designated by G. E. Ball.

Chlaenius zunianus (1914:38). Female T, Fort Wingate, New Mex., =L. - *C. tomentosus* Say (Bell 1960; Lth. 1969:974).

C. lacustrinus (1920:298). Male T, Bayfield, Wisc., =L. - *C. tomentosus* Say (Lth. 1969:974), of which it was described as a subspecies.

C. delectans (1914:39). Female T, New York, =L. - *C. emarginatus* Say (Lth. 1969:975).

C. uteanus (1914:35). Male T, Provo, Utah, =L. - *C. sericeus* Forst. (Bell 1960), of which it was described as a subspecies.

C. blanditus (1920:297). Male T, 2 P, Vineyard, Utah. T=L. - *C. pennsylvanicus* Say (Lth. 1969:987).

C. albertanus (1924:93). Female T, Edmonton, Alta., =L. - *C. alternatus* Horn (Lth. 1969:992).

C. punctipennis (1920:298). Male T, Wilbur, Wash., =L. - *C. purpuricollis* Rand. (Lth. 1969:994).

Loxopeza enormis (1920:237). Female T, N.Y. City & vic., =L. - *Lebia atriventris* Say (Lth. 1969:1020).

L. nanulina (1920:238). Female T, male P, Boulder, Color., T=L. - *L. atriceps* Lec. (Lth. 1969:1020).

L. magister (1920:236). Female T, Marquette, Mich., =L. - *L. grandis* Hentz (Lth. 1969:1021).

Lebia cynica (1920:241). Male T, Boston Neck, R.I., =L. - *L. moesta* Lec. (Lth. 1969:1028).

L. websteri (1920:260). Female T, Indiana, =L. - *L. solea* Hentz (Lth. 1969:1031).

L. debiliceps (1913:192). Male T, 1 P, Indiana. T=L. - *L. vittata* F. (Lth. 1969:1032).

L. pacifica (1920:259). Female T, Calif., =L. - *L. guttula* Lec. (Lth. 1969:1035).

L. canonica (1920:257). Female T, 1 P, Marquette, Mich.; 2 P, Boston Neck, R.I. T=L. - *L. fuscata* Dej. (Lth. 1969:1036).

L. reperta (1920:255). Female T, New York, =L. - *L. ornata* Say (Lth. 1969:1036).

L. virginica (1920:255). Female T, Norfolk, Va., =L. - *L. ornata* Say (Lth. 1969:1036).

- L. ashevillensis* (1920, 256). Female T, Asheville, N.C., = H. - *L. ornata* Say (Lth. 1969:1036). Described as a subsp. of *virginica* Csy.
- L. fluviatilis* (1920:256). Female T, Vicksburg, Missis.; 4 P, Illin. T = L. - *L. ornata* Say (Lth. 1969:1036).
- L. tertiaria* (1920:248). Female T, Distr. of Col., = L. - *L. pumila* Dej. (Lth. 1969:1038).
- L. ludoviciana* (1920:248). Male T, Alexandria, Louis., = L. - *L. pumila* Dej. (Lth. 1969:1038).
- L. quadrata* (1920:249). T (sex ?), S. Pines, N.C., = L. - *L. pumila* Dej. (Lth. 1969:1038).
- L. illini* (1920:249). Female T, N Illin., = L. - *L. pumila* Dej. (Lth. 1969:1038).
- L. frugalis* (1920:250). Female T, Bayfield, Wisc., = L. - *L. pumila* Dej. (Lth. 1969:1038).
- Apristus constrictus* (1920:276). T (sex ?), Sta. Rosa, Calif., = L. - *A. constrictus* Csy. (Lth. 1969:1045).
- Blechrus prominulus* (1920:269). Male T, Reno, Nev.; 1 P, L. Tahoe; 1 P, Hoopa Valley, Humboldt Co.; Calif. T = L. - *Microlestes linearis* Lec. (Lth. 1969:1050-51).
- B. fretus* (1920:209). Female T, San Francisco & vic., = L. - *M. nigrinus* Mnh. (Lth. 1969:1051-52), of which it was described as a subspecies.
- B. obispinus* (1920, 209). Female T, Port Harford, S. Luis Obispo Co., Calif., = L. - *M. nigrinus* Mnh. (Lth. 1969:1051-52), of which it was described as a subspecies.
- B. curtippennis* (1920:270). Female T, San Francisco & vic., = L. - *M. curtippennis* Csy. (Lth. 1969:1053).
- Philophuga obscura* (1924:91). Female T, L. George, N.Y., = L. (Larson, 1969:82, doubts the type loc.) - *Calleida viridis amoena* Lec. (Larson, l.c.; Lth. 1969:1063).
- Cymindis zuniana* (1913:181). Male T, 4 P, Benson, Ariz.; 1 P, nr. Santa Fé, New Mex. T = L. - *C. arizonensis* Schffr., s.l. (Lth. 1969:1075).
- C. acomana* (1913:181). Male T, New Mex., = L. - *C. cribricollis* Dej. (Lth. 1955:131).
- C. rupimontis* (1913:183). Female T, Boulder, Color., = L. - *C. cribricollis* Dej. (Lth. 1955:131).
- C. alticola* (1913:183). Male T, New Hampsh., = L. - *C. cribricollis* Dej. (Lth. 1955:131).
- C. kirbyi* (1924:88). Male T, Caribou Distr., B.C. = H. - *C. cribricollis* Dej. (Lth. 1955:131).
- C. planifera* (1924:89). Male T, "L" (=Levette coll., "probably Color."), = H. - *C. cribricollis* Dej. (Lth. 1955:131).
- C. obliqua* (1924:89). Female T, Edmonton, Alta., = L. - *C. cribricollis* Dej. (1955:131).
- C. sinuata* (1924:90; nec Reiche 1855). Female T, New Mex., = L. - *C. cribricollis* Dej. (Lth. 1955:131).
- C. alternans* (1924:90; nec Rambur 1837). Female T, no loc. ("probably Color."), = H. - *C. cribricollis* Dej. (Lth. 1955:131).
- C. bipartita* (1913:185). Male T (not female), Green R., Wyom., = L. - *C. planipennis* Lec. (Lth. 1969:1077-78).
- C. directa* (1920:286). Female T, Akron, Color., = L. - *C. planipennis* Lec. (Lth. 1969:1077-78).

C. govanica (1924:89). Female T, Govan, Wash., = L. - *C. planipennis* Lec. (Lth. 1969:1077-78).

C. evanescens (1913:179). Male T, 3 P, Marysvale, Utah. T=L. - *C. evanescens* Csy. (Lth. 1969:1079).

C. continens (1920:287). Female T, 1 P, Color. T=L. (Type loc. probably incorrect, Lth., l.c.) - *C. americana* Dej. (Lth. 1969:1079, 1082).

C. parowana (1924:88). Male T, 1 P, Mammoth, Parowan Mts., Utah. T=L. - *C. unicolor* Kby. (Lth. 1955:130).

C. agitata (1920:285). Female T, 2 P, Chihuahua, Colonia Garcia, Mex. T=L. - *C. uniseriata* Bts. (Lth. 1969:1085).

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ADDENDUM

Nebria expansa Csy. (1913:56) (see p. 112, above). D. H. Kavanaugh (*in litt.*) regards the label "Texas" of the "Lectotype" as decidedly wrong. The second specimen, labeled "L" (= Levette coll.), was interpreted by Csy. as from Indiana, acc. to Kavanaugh a quite acceptable record. I have therefore removed the Lectotype label from the Texas to the presumed Indiana specimen.